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THE CHEMIST AND DRUGGIST JUNE 2, 1945

The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

Established 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

3408
VOL. CXLIII JUNE 2, 1945 Annual Subscription (with Diary) 25/-. Single copies 9d.

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AN ACUTE SHORTAGE of cases and packing material together with a staff reduced to its absolute minimum has led to delay in the execution and dispatch of Parke, Davis & Co. orders.

We are doing our best in the face of these difficulties, and we ask for condonation whenever our endeavours fail to realize expectations.

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The Wonder Tablet

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(Original letters have been seen by a representative of "The Chemist and Druggist")

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"As a sufferer of varicose veins, I must state that before using 'Elasto' I was tortured with tired and aching legs. After taking a month's supply of 'Elasto' I remark with emphasis that the feeling of tiredness and aching has vanished. To all sufferers of varicose veins I certainly recommend 'Elasto'—they are a boon."

AP 1180. —— R. P.

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AT 1108. —— F. T.

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AH 1263. —— E. H.

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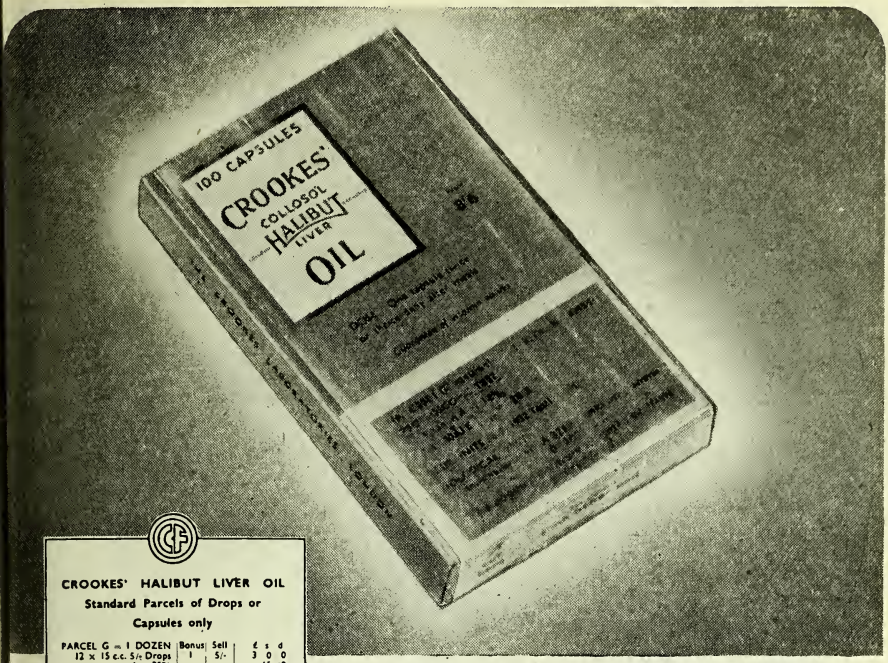

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This new pack is now included in our 'L' and 'M' bonus parcels only, but it will become increasingly general as existing stocks of the old packing are consumed.

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P.A.T.A

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	,, ,, 250 ,, ...	12/5	112/6	18/9	14/-
'OVENDOSYN' FORTE	Bottles of 50 Tabs. ...	4/6	40/6	6/9	5/1
	,, ,, 250 ,, ...	18/7½	168/9	28/2	21/-

MENLEY & JAMES LIMITED, 123, COLDHARBOUR LANE, LONDON, S.E. 5

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TR129

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IMPERIAL CHEMICAL INDUSTRIES

Great War Record

HE EIGHTEENTH ORDINARY GENERAL MEETING of MPERIAL CHEMICAL INDUSTRIES, LIMITED, was held t GROSVENOR HOUSE, PARK LANE, W., on May 24th, he Chairman, the RT. HON. LORD MCGOWAN, K.B.E., .C.L., LL.D., presiding.

The chairman, in the course of his speech, said: Now hat the war with Germany is ended, I owe it to all who ave part or lot in our great enterprise to give some ccount of our contribution to the national effort. It is record which is certainly unexcelled and probably nequalled. For more than six years I.C.I., like all ncerns directly and deeply involved in the national ar effort, has had to keep strict silence on its doings. n this we had no option, but our enforced silence has nfortunately left the stage clear to the critics and etractors who are ready to seize any and every opporunity to attack what is popularly known as "big usiness." They single out I.C.I. for most reckless tacks, partly because of its size, but mainly, perhaps, ecause they recognise I.C.I. to be one of the most ficient and successful examples of that system of free terprise which they wish to overthrow. I make this atement without fear of contradiction: that had your mpany not been in existence, organised and directed it was, the whole ability of Britain to prosecute the ar would have been gravely, if not fatally, impaired.

By no means the least satisfying feature of our warne records is the virtually complete freedom from bour disputes, even of the most minor character. his freedom is the more remarkable when it is rememred that the employees who have been brought up in e traditions of the company have been heavily diluted new entrants, directed in many cases from distant rts of the country, who know nothing about I.C.I., the aims and objects for which it exists. I hope you ll agree it affords an indication both that our workople are not dissatisfied with the conditions under hich they work, and at the same time of the harmonious ations which exist between I.C.I. and the Trade ions, those other outstanding examples of large-scale lustrial organisation. Indeed, I feel I should take s opportunity of putting on record our appreciation the co-operation we have throughout the war received m those responsible for the control and direction of Unions with which we are concerned.

.C.I.'s war-time achievements are the result of the tem of free enterprise. In certain quarters there is a position to consider that free enterprise has had its y and should now retire in favour of some form, ich has never been clearly defined, of State control. my view, the suggestion that free enterprise has had day is certainly wholly incorrect. We have always ieved in high productivity which carries with it low ing prices—a policy which has been much appreted by our many customers. Moreover, we live in mony with others who produce articles similar to our n, and we do not seek to eliminate the small man. our national, as in our international arrangements, .I. has nothing to hide, nothing for which to apologise, l nothing of which to be ashamed. On the contrary, as a great deal of which to be very proud.

The report was adopted.

ing to the paper shortage, it is still not possible to send copies he Chairman's Speech to all Stockholders. Nevertheless a e number of copies are available and will be sent free to kholders on written application to the Registrar, Imperial mical Industries, Tenter Field, Kendal, Westmorland.

1896 P.A.T.A. 1945

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PATA

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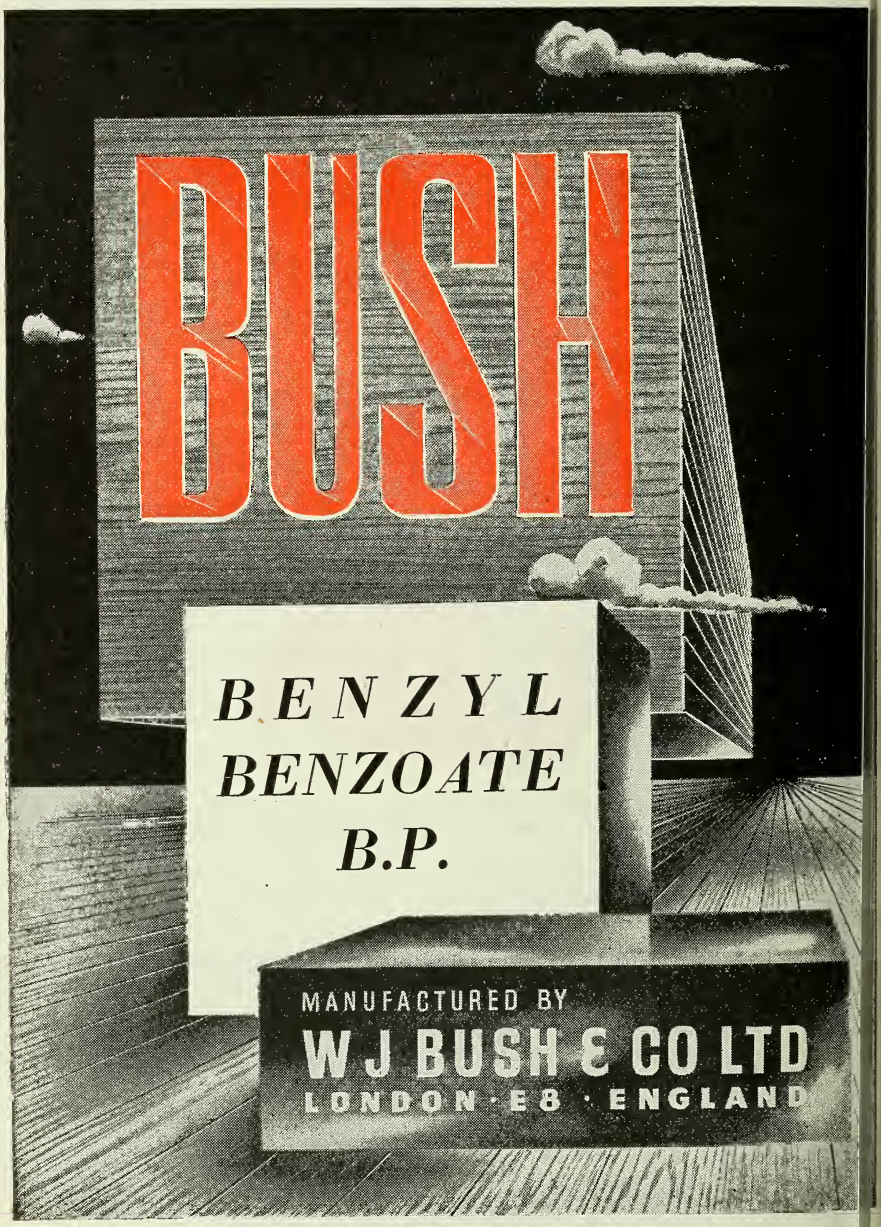
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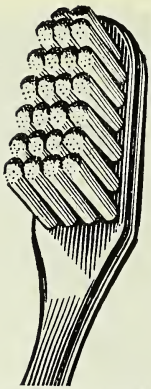

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NEWS OF THE WEEK

Chief Pharmacy Inspector.—The Council the Pharmaceutical Society at its meeting May decided that circumstances called the appointment of a Chief Inspector der the Pharmacy Acts. Mr. W. R. berts, one of the Society's inspectors, s appointed to the post, as from June 1.

Hints to Business Men.—An additional nphlet has been issued by the Depart- nt of Overseas Trade in the series "Hints Business Men." It relates to Australia. pies may be obtained on application to Department at 35 Old Queen Street, ndon, S.W.1.

Ministerial Appointments.—The following among the Ministers appointed by Mr. rchill in his "caretaker" Government: d President of the Council, Lord Wool- ; President of the Board of Trade, Mr. ver Lyttelton; Minister of Labour and tional Service, Mr. R. A. Butler; Home retary, Sir Donald Somervell; Minister Health, Mr. H. U. Willink; Minister of pply, Sir Andrew Duncan; Minister of d, Colonel J. J. Llewellin.

London Chamber of Commerce Appointments.—At a meeting of the Council of the London Chamber of Commerce on May 17, Mr. John McLean, Mr. Giles F. Newton, M.B.E., and Major J. C. Poole, M.C., were unanimously re-elected *Chairman* and *Deputy-chairman* of the Council and *Treasurer* of the Chamber, respectively.

Soap Ration Reduced.—The allowance of soap for domestic use was reduced on May 27 by one-eighth. The reduction is being effected by restricting to seven the number of soap coupons available during each period of eight weeks, except in the case of children holding ration book R.B.2, whose allowance, and the additional soap ration granted to infants under the age of one year and to certain classes of invalids, remains as previously. The following soap coupons are invalidated, and must not be used: *Ration Books R.B.1 and R.B.4*, Coupon numbered 49 in panel 1 (soap), p. 38; coupon numbered 5 in panel 1 (soap), p. 38, of new ration book (1945–46), and every succeeding eighth coupon (numbers

13, 21, 29, 37 and 45). The supply of soap to catering establishments and institutions is correspondingly reduced.

Display Lighting.—Owing to the urgent need for continued fuel economy, the ban on outdoor decorative and display lighting is again imposed. Such lighting includes illuminations of hoardings or facias of shops.

Seconder of a Resolution.—The name of the pharmacist who seconded the resolution put forward by Mr. Varley at the annual meeting of the Pharmaceutical Society urging fuller reports of addresses by members of Council was Mr. H. T. Franks, Torquay, and not as stated.

Manchester Golf.—The Manchester Chemists' Golfing Society played a competition against bogey for the Hough, Hoseason & Co., Ltd., prize at Didsbury Golf Club, recently, when the winners were: 1, G. M. Evans; 2, J. M. Ares. The next competition will be played at Prestwich Golf Club on June 6.

Chester N.P.U. Branch.—Alderman W. J. Tristram, J.P., outlined the various activities of the National Pharmaceutical Union at a meeting of the Chester Branch of the Union on May 10. The Joint Committee's memorandum on the White Paper, he said, was intended to meet rumoured modifications of the original scheme.

Southampton Branch Officers.—A paragraph on Mr. W. G. Hutcheson in last week's issue of the *C. & D.* (p. 527) should have concluded with a note that it was in 1941 that Mr. Hutcheson became chairman of the Southampton Branch of the Pharmaceutical Society. The secretary is, of course, Mr. J. D. Mallinson, as recorded in a report of the annual meeting of the branch on April 25 (*C. & D.*, May 5, p. 445).

Durham County Officers.—At the annual meeting of the Durham County Branch of the Pharmaceutical Society, held on May 23, the following officers were appointed: *President*, Mr. T. Melrose; *Vice-president*, Mr. T. Rose, jun.; *Treasurer*, Mr. F. T. Richardson; *Secretary*, Mr. W. Low, 1 Derwent Street, Blackhill; *Committee*, Messrs. Agard, Dobbin, R. U. Low, Metcalfe, Nichols and Thirlwell.

Assay of Digitalis for Canada.—The attention of exporters to Canada of digitalis and strophanthus preparations is called to a change in the biological assay of these products. The Laboratory of Hygiene, Department of National Health and Welfare, Ottawa, has now adopted a cat method of assay. Existing regulations are still in force, but from September 5, 19 the cat method will be used for the enfor ment of regulations under the Food a Drugs Act for digitalis and strophanth preparations. On account of the char the following equivalents should be used the Canadian standard digitalis: 100 mg of the current standard digitalis, lot No. 4 contains one international unit and equivalent to 80 mgm. of internatic standard digitalis.

Catholic Pharmaceutical Guild.—A rep sentative gathering of members from E land and Scotland met at St. Gabri Retreat, Harborne, Birmingham, on W Sunday and Whit Monday for the ann meeting of the Catholic Pharmaceut Guild, which was preceded by High M at St. Mary's Church, Harborne. Mr. J. Lomax, M.P.S., was elected *Master Gene* Mr. J. E. Gascoyne, M.P.S., *Vice-ma General*; Mr. O. J. D'Arcy, M.P.S., Windsor Street, Liverpool, 8, *Secre General*.

Manchester Association and Branc Officers of the Manchester Pharmaceut Association for the year are: *Presi* Mr. W. Wilkinson; *Vice-presidents*, Me W. E. Phillipson and J. R. Walms *Treasurer*, Mr. G. V. Tyler; *Social S tary*, Mr. J. H. Franklin; *Secretary*, Mr Miller. Officers of the Manchester, Sal and District Branch of the Pharmaceu Society are: *Chairman*, Mr. Harry Brin *Vice-chairman*, Mr. Harry Steinn *Treasurer*, Mr. G. H. Tyler; *Secre* Mr. T. Miller.

Harrow Secretary Relinquishes Po At the annual meeting of the Ha Branch of the Pharmaceutical Society on May 15, the secretary (Mr. J. F. McN introduced a discussion on pharmaceu aspects of the proposed National He Service. Questions of administra control, remuneration, and self-medica were discussed, and the meeting decide endorse a statement made on their be at the Branch Representatives' meetir November 1944 urging that all disper should be carried out by a pharmacist a professional fee demanded. Before election of officers, Mr. McNeal (vice-p dent of the Society) informed the me that, owing to pressure of work, he w have to relinquish his post as secreta the branch. Decisions would have t made at present that would shape future of pharmacy for generations to c and Mr. McNeal felt that he should giv his energy to the advancement of nat

armaceutical policy. He then proposed at the office should be taken over by Mr. . W. Tomski. The meeting accepted Mr. cNeal's resignation, while expressing pro- und gratitude for his inspiring leadership d for the many valuable services rendered ring many years of active secretaryship. essrs. J. M. Atkinson and F. J. Conduit re re-elected *Chairman* and *Treasurer* spectively, and the branch officers are: *ce-chairman*, Mr. R. Goode; *Secretary*, . H. W. Tomski, 21 Hillcroft Avenue, nner; *Deputy-secretary*, Miss D. I. rgan; *Auditors*, Messrs. W. J. Meakin d R. T. Vincent. The *Committee* was elected, with the addition of Miss M. C. ip and Mr. J. F. McNeal.

North Midlands Traders' Exhibition.—A -day Traders' and Shopkeepers' Exhibi- n is to be held in either Sheffield or mingham in September, under the pices of the National Union of Small pkeepers. The aim is to attract 100,000 tors and book at least £1,000,000 th of orders. The exhibition will be the of a series of four to be organised by Union; and support of the project has n promised by the Board of Trade. A liminary conference is to be held in the toria Station Hotel, Nottingham, on 26, and any trade, manufacturing and il organisations which have not received tations are invited to send repre- atives. An advisory and consultative mittee, consisting of representatives n manufacturing, wholesale and retail nisations, is being established to work close liaison with the organising ex- ive committee.

orth London Annual Meeting.—The al meeting of the North London rmaceutical Association and Branch of Society was held on May 14, when the wing officers were elected: *President Chairman*, Mr. T. C. Neville Booth; *-chairman*, Mr. J. H. Spencer; *Secre-* Mr. A. E. Footitt, 28 Hill Rise, Pot- Bar; *Treasurer*, Mr. L. C. Brooks. members of the *Committee* are rs. Armstrong, Cooper and Matthews. chairman referred to losses sustained he branch by the deaths of Messrs. eld, Downing, Felton and Skinner. It agreed to send a report of the meeting anch members in the Forces. Delegates nated for the Branch Representatives' ing were Messrs. Armitage, Booth, es, Footitt and Spencer. Mr. G. F. s spoke of his association with the Mr. Herbert Skinner, claiming that few younger members realised the great work Mr. Skinner had done for retail pharmacy. When the National Health Insurance Act came into force, Mr. Skinner formed the London Counties' Executive Committee, a forerunner of the metropolitan branches, and he helped to prepare the formularies used in each of the districts of North London. Later he appeared as expert witness when chemists were prosecuted under the Profiteering Act during the war of 1914–18, and his evidence had been instrumental in each case in proving the innocence of the chemist concerned. He had always been interested in the N.H.I. testing scheme, and it was on his advice that suitable prescriptions had been used by Insurance Committees. He had also been responsible for one of the early pricing lists and the first type of Dangerous Drugs Acts register. His association with proprietary-medicine manufacturers had been criticised, but he had only taken up this work during his last few years at the request of the Royal Northern Hospital. Messrs. J. Hearle and G. A. Tocher associated themselves with the remarks of Mr. Weiss.

Ipswich Chairman to Act as Secretary.—Mr. J. F. McNeal (vice-president, Pharmaceutical Society) gave an address on "Current Pharmaceutical Topics" to members of the Ipswich Branch of the Society at the annual meeting held at Ipswich on May 3. Mr. L. Piper was in the chair and was re-elected *Chairman* for the thirteenth year. The *Treasurer* (Mr. F. W. Wiggin) was re-elected, but as no one would undertake the office of *Secretary*, the chairman agreed to perform the secretarial duties. Resolutions submitted by the Blackpool Branch were considered, and it was decided to support only one of the resolutions. Mr. McNeal, in his address, explained how the Central Pharmaceutical War Committee had functioned, and how it was proposed to deal with demobilisation. The branch was congratulated on its high average of subscriptions to the Benevolent Fund (7s. 2d. per member in 1944). The part of pharmacists in health education was stressed. Mr. McNeal said that resolutions passed at the annual meeting of the Society were not binding on the Council, and discussed the pros and cons of changing the time of the annual meeting. The speaker appealed for unity and expressed the opinion that if it were achieved all pharmacists' demands would be satisfied. A number of questions asked by members were answered by Mr. McNeal following his address.

CONTROL OF ENGAGEMENT

THE Control of Engagement Order just issued by the Ministry of Labour was foreshadowed in a White Paper (Cmd. 6568) (*C. & D.*, November 25, 1944, p. 563) on the reallocation of labour during any interim period between the defeats of Germany and Japan. This is to be effected so far as possible on a voluntary basis, the field of compulsion being narrowed to the strictest limits. Defence Regulation 58A is being retained in the background, but the intention is to dispense with the use of the power of direction to a great extent and to use instead the much more limited powers of the Control of Engagement Order.

How the New Order Works

The Order frees men over fifty and boys under eighteen who have hitherto been restricted in the industries covered by certain Orders which are being revoked. It provides a general control over the engagement of men aged eighteen to fifty in all industries. The Order reproduces the main provisions of the Employment of Women (Control of Engagement) Orders now revoked, but excepts certain women with special qualifications.

The Order controls engagement by prohibiting: (*a*) Employers from seeking to engage any person for employment (e.g. advertise a situation vacant either in the Press or by exhibition of a notice or by circular letters) except by notifying particulars of vacancies to a local office of the Ministry of Labour and National Service or to an agency approved under the Order; (*b*) employers from engaging any person for employment unless that person has been submitted by a local office or an agency approved under the Order; (*c*) workers from taking up employment otherwise than by submission through a local office or an agency approved under the Order. Re-engagement by the same employer is regarded as engagement, but re-engagement is permitted without reference to a local office: (*a*) if the period between termination and re-engagement is not more than fourteen days—except in the case of employees of building and civil engineering undertakings: (*b*) immediately following any period of sickness which caused the termination of employment—but in the case of employees of building and civil engineering undertakings the re-engagement must be on the same site unless permission to transfer is obtained; (*c*) on resumption of work after a trade dispute.

Although the Order is of general application, there are certain exceptions. The most important are: Ex-Servicemen and women when they are exercising reinstatement rights or during periods of paid leave following release; employment in a managerial capacity; employment in a professional, administrative or executive capacity, other than certain scarcity categories.

Employment in a Managerial Capacity

Vacancies for managers are excepted as such irrespective of the qualifications of the worker concerned. A manager is held to be a salaried official in executive charge of a department, works, contract, or office, and the term can be held to include superintendents or head foremen.

Employment in a professional, administrative or executive capacity which in general covers vacancies above the rank of foreman (above the grade of supervisor in offices) is generally excepted, but scarcity categories are subject to control. The scarcity categories include professionally qualified engineers, chemists, metallurgists and physicists, as well as pharmacists, dispensers, nurses, midwives, radiographers and physiotherapists.

The Order provides that such trade unions and employment agencies as have been approved under revoked Orders, i.e. the Undertakings (Restriction on Engagement) Order, 1941, and the Employment of Women (Control of Engagement) Orders, 1943, will continue to be approved. There is also provision for extending approval of these and other agencies.

In certain circumstances an exemption certificate will be issued to an employer which will enable him to engage or seek to engage, e.g. advertise for, men or women in specified age groups for specified employments subject to certain conditions.

Position of Pharmacists

A note received from the Central Pharmaceutical War Committee (England and Wales) and the Scottish Central Pharmaceutical War Committee, states that the committees are in correspondence with the Government departments concerned as to the application of the Order to pharmacists and dispensers. It is hoped to publish a full statement next week. Pharmacists and dispensers are advised not to take any steps to change their present employment until they have had an opportunity of studying the statement.

TOPICAL REFLECTIONS

A Discussion and a Promise

The president of the Pharmaceutical Society made an important statement at the Society's annual meeting, thereby taking a good deal of wind out of the sails of movers of resolutions. Your report of the meeting (p. 538) demands careful reading; and your editorial comment (p. 535) sums up with exemplary fairness the questions raised. The gist of the presidential announcement is that the time is coming when the whole constitution of the Society will have to be reviewed. It has of late become increasingly clear that steps ought to be taken in this direction; it is satisfactory to have Mr. Wells's assurance that his Council is of this opinion. As is natural on such occasions, the subjects discussed were of unequal interest. One of the best parts of the proceedings comprised the speeches on area representation. At intervals this topic has claimed my attention for several years; I am not sure that it has even yet been thoroughly explored. With the essential condition that a fair and workable scheme could be devised, this change would have the great advantage of bringing to the Council experienced pharmacists who at present have no chance of success at the poll for the simple reason that they live in areas each of which is unable to muster a sizeable "block" of votes. Details can be discussed when the Council's plan for overhauling the Society's constitution is published. If the proportion of nominated members of the Council is increased, territorial representation will become somewhat less important.

Penicillin Hysteria

A paragraph in last week's "Parliamentary News" (p. 524) records another question in the House of Commons about penicillin; Mr. Attlee was asked, *inter alia*, whether he was aware that penicillin "was now on sale at every drug-store in the United States, and that it was advertised for sale there as freely as cosmetics." No doubt this momentous event had to happen, whether in the United States or elsewhere. If British members of Parliament lose their heads over a scientific discovery, members of the public may reasonably be excused for falling victims to mass hysteria of a similar type. In most countries there are to be found caterers for the million quick to exploit the commercial possibilities, real or supposed, of any advance in any science. Hence it is probable that before long the inhabitants of every land will be exhorted by advertisements to use penicillin for almost every conceivable purpose; it will appear in the council chamber, in the bathroom, on the golf course. Means will be found to stabilise so mutable a substance—or to pretend that it has been stabilised. Although the medical profession may protest that penicillin is a medicament to be administered with due precaution, makers of goods quite outside the range of medical treatment and of C.F. articles will beat their respective drums and invite a wondering world to walk up and see their various shows. It may be that the quicker and more violent the assault on public credulity, the sooner it will come to an end. We will hope so.

A Lengthy Review

Reviews of books save discriminating readers time and trouble by helping them to separate books that they may wish to read from those of little or no interest to them. But how much time was saved for readers of a review of Richard Mead's "A Mechanical Account of Poisons In Several Essays," beginning in "The Gentleman's Magazine" for May 1745 and concluding in the June issue of the same paper? In all it extended to about 6,000 words, and from the laudatory style we may infer that it was the work of an admirer. The first edition of this book had appeared forty-three years earlier; it comprised five essays, dealing respectively with (1) the viper; (2) the tarantula and the mad dog; (3) poisonous minerals and plants; (4) opium; (5) "venomous exhalations" from the earth, poisonous airs and waters. On comparing my notes on that edition with this review, I am unable to find any important difference between the contents of the two volumes beyond a rearrangement, making the original five essays into six. Your readers are no doubt familiar with Mead's pulvis antilyssus, the formula of which, published by him in 1702, was inserted into the London Pharmacopœia of 1721. His remedy for the bite of a mad dog involved, however, a rigorous course of treatment in which the powder was only one factor. He recommended that the patient be "dipt all over" each morning, fasting, for a month, and after that three times weekly for a fortnight. In the first edition of his work he explained that sea water was "especially chosen for this business" (i.e. a diuretic action). **Xrayser**

TRADE NOTES

London Showroom.—A full range of seals and labels is displayed by William Sessions, Ltd., York, at their London showroom, 31 and 33 High Holborn, W.C.1.

Distribution in Eire.—The advantages of a "live, enthusiastic organisation" covering the Eire market are offered to manufacturing chemists in this country by M. G. Baynes & Co., Ltd., 23 East Essex Street, Dublin.

Price Maintenance in Peace-time.—On another page the Proprietary Articles Trade Association directs attention to its policy of price maintenance, and indicates how this is to be pursued under peace-time conditions.

Hormone Administration.—Ciba, Ltd., The Laboratories, Horsham, Sussex, list a number of specialities adapted to practical hormone therapy by oral, intramuscular or percutaneous administration. The products include Perandren, Ovocyclin, Lutocyclin and Percorten in various forms.

Production Difficulty Overcome.—Production of Diuromil, which had for a time to be suspended because one of the ingredients was unobtainable, has now been resumed, and supplies are again becoming available from the makers, Pharmax, Ltd., Ibex House, Minories, London, E.C.3.

Chemical Supplies After Victory in Europe.—A forward look towards improved conditions is taken by Whiffen & Sons, Ltd., Fulham, London, S.W.6, who anticipate an improvement in supply conditions while indicating that, until the war in the Far East is brought to a successful conclusion, some supply difficulties are likely to remain.

Hospitals Illustrated.—A series of advertisements by Alexander Carus, Ltd., Hoddlesden Mills, Darwen, Lancs, includes attractive illustrations of hospitals and sanitoria in various parts of Europe. The two so far reproduced are the Ullevold Hospital, Oslo, Norway (May 5 issue), and the sanatorium at Kraljevitza, Jugo-Slavia (in this issue).

Surgical Prophylactic. — Charles F. Thackray, Ltd., Old Medical School, Park Street, Leeds, 1, acting as the sole distributors for Southon Laboratories, Ltd., London, S.W.15, direct attention to urea formic iodide, a new bacteriostat in the form of a white, non-toxic powder for the treatment of wounds, burns, etc. An important advantage is that the preparation is not inactivated in the presence of serum.

Supply Prospects.—T. J. Smith & Nephew, Ltd., Hull, announce that wholesalers are now receiving small but regular supplies of Lil-lets sanitary tampons. No immediate increase in production is anticipated, but supplies will be increased as war-time limitations disappear. Lil-lets are issued in attractive cartons containing four packets of three, wrapped in transparent film.

National Advertising Campaign.—It is announced by Johnson Agencies (Proprietaries), Ltd., Clarendon Works, Clarendon Road, Croydon, Surrey, that a national advertising campaign is about to commence for Vola Seltzer granules. Stocks of the tablets are being temporarily withdrawn from the market, but supplies of the granules are available from trade wholesalers.

Business Changes

MR. R. A. HUGHES, M.P.S., is opening a pharmacy at Beaumaris, Anglesey.

THE EXCEL PROPRIETARY CO. (Mr. A. G. Brown, M.P.S.), makers of Trille shampoos have removed to larger premises at Elgar Place, Ramsgate, Kent. Supplies of the product may be obtained direct or from May, Roberts & Co., Ltd.

RETAIL LICENCE APPLICATIONS.—Boots Ltd., to acquire the business previously carried on by John Weir, M.P.S., 3 Glasgow Road, Clydebank.—James Ingram, 9 Cartside Street, Glasgow, to carry on, a 383 Cumberland Street, Glasgow, a business in drugs, toilet preparations, photographic goods, etc., formerly carried on by Wilson Macnie & Co., Ltd.—The Misses Ann Martin Kerr and Margaret Forsyth Mackinnon, to sell made-up medicines and toilet goods at 211 Cumbernauld Road, Glasgow.—Harry Thompson, to carry on a business in photographic goods, drugs, medicines, medical and surgical appliances at Llanfrothen Road, Nantmor, Beddgelert, Caernarvonshire.

Proprietary Articles Trade Association

Alterations to Protected List.—*Iglodine Co. Ltd.*, first-aid outfits, 2s. 9d., 24s. 9d. doz. (exempt from tax). £2 assorted orders, 23s. doz.

Silf Co., Ltd. From June 1, manufacturers are re-marketing former large size of Silf obesity tablets: 45s. doz., tax 7s. 6d. doz. inclusive retail price 5s. 7½d. Present small size retailing at 1s. 5d. including tax, withdrawn from June 1.

COMPANY NEWS

M. J. NEWELL, LTD. (P.C.).—Capital ,000. Registered in Dublin. Chemists, uggists, etc. Annie, William and Rita well, all of 4 William Street, Galway, ectors.

SCOTTIC, LTD. (P.C.).—Capital £1,000. emists, drysalters, etc. Hon. George S. rwick and Terence A. Mulley, directors. O.: Salisbury House, London Wall, ndon, E.C.2.

EDWARD HIRST & CO., LTD. (P.C.).—pital £3,000. Chemists, druggists, op-ians, etc. Thomas Halliwell, M.P.S., and na Hirst, directors. R.O.: 24 Market eet, Colne, Lancs.

LISHMANS (CHEMISTS), LTD. (P.C.).—pital £1,000. Chemists, druggists, etc. omas W. Lishman, Mrs. Gladys M. hman and George W. Fletcher, M.P.S., ectors. R.O.: Bridge Street, Helmsley, rks.

RIDYARD TABLET CO., LTD. (P.C.).—pital £1,000. Manufacturing, research, pensing and analytical chemists, etc. omas and John H. Hurst, M.P.S., ectors. R.O.: 1 High Street, Codnor, rbyshire.

PACK & ROY, LTD. (P.C.).—Capital 500. Manufacturers of and dealers in mical and pharmaceutical preparations l toilet requisites, etc. Ernest W. and c W. A. Pack, directors. R.O.: 15 xandra Road, Watford.

EAN SORELLE, LTD. (P.C.).—Capital 500. Manufacturers of and dealers in licinal products, perfumes, toilet prep-tions, chemicals, photographic apparatus accessories, etc. Hans J. and M. Fern-h and Paul Chapp (all directors of medico Products, Ltd.), directors. R.O.: Turle Road, London, N.4.

EORGE A. HAMILTON, LTD. (P.C.).—pital £100. To acquire the lease and dwill of the business of chemists carried by Mrs. Dora Hamilton at 166 North l Road, West Kensington, London, W.4. nald M. Tulloch, M.P.S., Albert Dennis, P.S., Mrs. Dora Hamilton, and Joseph P. rd, directors. R.O.: As above.

ROBERT READ (THORNE), LTD (P.C.).—pital £2,000. To acquire the business of rug-store carried on by Sarah C. Read, rothy E. Ward and Cecil A. F. Cairns at rne, and Moorends, near Thorne, and carry on business as chemists, druggists, Mrs. Sarah C. Read, Mrs. Dorothy E. rd, Cecil A. F. Cairns, and Arthur E. kett Greenhalgh, directors. R.O.: 23 kle Street, Thorne.

FINANCE CORPORATION FOR INDUSTRY, LTD. (P.C.).—Capital £25,000,000. To provide or procure finance and financial facilities for the establishment, re-establishment, rehabilitation, equipment, re-equipment, maintenance, extension or development of manufacturing, commercial or trading businesses, to lend or advance money or give credit with or without security, to investigate and advise on and aid in the formulation and operation of schemes for financing, maintaining, developing, equipping, co-ordinating, amalgamating, reconstructing or reorganising businesses, to carry on general financial operations, to act as trustees, etc. Membership of the company is limited to (*a*) the Bank of England; (*b*) insurance companies established and having their head offices in the United Kingdom; and (*c*) investment-trust companies. Directors and R.O. are not named.

BENGER'S FOOD, LTD.—Profit for the year ended March 31 amounted to £26,325, against £26,248 in the previous year. Dividend on ordinary shares is 10 per cent.

B. LAPORTE, LTD.—Profit for the year ended March 31 amounted to £179,753, against £201,939 in the previous year. Final dividend on ordinary shares is 10 per cent., making 15 per cent. (same) for the year.

DUBARRY PERFUMERY CO., LTD.— Trading profit for the year ended December 31, 1944, amounted to £69,790, against £35,654 in the preceding year. Final dividend on ordinary shares is 2½ per cent., making 12½ per cent. (same) for the year. Carried forward, £3,036 (£2,822).

GRIFFITHS HUGHES PROPRIETARIES, LTD. —Directors announce a final dividend of 8 per cent., against 6 per cent. in the previous year, bringing the total dividend on the ordinary shares to 10 per cent. (8 per cent.). Profit of the operating company and its subsidiaries was £423,706, compared with £349,773. After providing £222,356 (against £192,012) for taxation, placing £90,471 (against £75,059) to reserve, and allowing for the payment of dividends, the carry-forward is left at £48,232, against £46,561 brought in.

ORDER OF DISCHARGE.—George Edwin Oakley, M.P.S., 31 Eastbourne Avenue, Acton, London, W.3, formerly in business at 200 Horn Lane; order of discharge under the Liabilities (War-time Adjustment) Acts, 1941 and 1944, granted May 17.

DEATHS

DIXON.—On May 20, Mr. Gibson Quirk Dixon, M.P.S., 8 Old Market, Halifax, aged seventy-four. Mr. Dixon had been in business in Halifax for more than fifty years.

FORSTER.—On May 23, Sir Martin Onslow Forster, F.R.S., aged seventy-three. Sir Martin was president of the Indian Science Congress, 1925. From 1904 to 1910 he was secretary, and from 1915–22 treasurer, of the Chemical Society, whose Longstaff medal he gained in 1915. For two periods (1908–11 and 1915–18) he was vice-president of the Institute of Chemistry. From 1915–18 he was a director of British Dyes, Ltd. He was president of the chemistry section of the British Association in 1921.

JONES.—On March 18, Mr. Arthur Alderson Jones, M.P.S., 31 Portelet Road, Stoneycroft, Liverpool, 13. Mr. Jones qualified in 1902.

LARBALESTIER.—On May 10, Mrs. Elizabeth Leitch Larbalestier, M.P.S. (*née* Gemmell), wife of Mr. P. A. Larbalestier, M.P.S., 9 The Grove, Addlestone, Surrey, aged twenty-eight. Mrs. Larbalestier qualified in 1939.

MCGRATH.—On April 27, after a long illness, Mrs. Rose McGrath, wife of Mr. P. F. McGrath (a member of the Council of the Pharmaceutical Society of Ireland and a former president of the Irish Drug Association). Sympathy with Mr. McGrath has been expressed by a wide circle of friends in pharmacy, and many prominent Dublin pharmacists attended the obsequies and funeral to Glasnevin Cemetery on April 30, including Mr. Lyall Smith (president, Irish Drug Association) and Mr. J. K. Whelehan (vice-president, Pharmaceutical Society of Ireland).

PRICHARD.—At Winsley Sanatorium, Wilts, on May 17, Mr. Roland Ernest Prichard, M.P.S., 371 Ferndale Road, Swindon, aged thirty-three.

ROBINSON.—On May 17, Mr. Arthur Robinson, 484 Alcester Road, South, Kings Heath, Birmingham. Mr. Robinson was founder (1920), managing director and secretary of A. Robinson (Yardley), Ltd., chemists. The cremation took place at Lodge Hill, Birmingham, on May 22.

SIME.—On May 19, Miss Catherine Sime, M.P.S. Miss Sime qualified in 1921, and was a manageress for Selles Dispensing Chemists, Ltd., for fifteen years. She was cremated at Hull Crematorium on May 22.

PERSONALITIES

SIR ALEXANDER FLEMING, discoverer penicillin, is to have an honorary deg conferred upon him by the University Durham at Newcastle in July.

MR. I. BARKHUYSEN is shortly returni to South Africa after eight years as mana of the London branch (now closed) Lennon, Ltd., chemists, South Africa.

PROFESSOR SIR HOWARD FLOREY, F.R University of Oxford, has been awar the Lister medal for 1945 for outstand improvements in surgical science result from his work on penicillin.

MR. ROBERT HENRY JACKSON, B.S B.Pharm., Ph.C., has passed the Fellows examination of the Royal Institute Chemistry in branch E (the chemist including microscopy, of food, drugs of water).

MR. R. A. HUGHES, M.P.S., for the p eight years manager for Boots, Ltd., H Street, Mold, Flintshire, has been presen by the staff of the branch with a table la upon leaving the company to open his business (see p. 552). Mr. Hughes been in the service of the company twenty-one years.

FLYING-OFFICER WILLIAM KENN THOMAS, son of Mr. W. Llewellyn Thor M.P.S., Castle Street, Beaumaris, has b awarded the Distinguished Flying Cross meritorious service and devotion to d Flying-Officer Thomas was trained Canada, and has served for five years the Royal Air Force.

MR. F. J. SYKES, M.P.S., Groves R Colwyn Bay, Denbighshire, and Mrs. Sy celebrated their golden wedding on May Mr. Sykes was born in Halifax on Oct 24, 1866, and apprenticed to W. D Corn Market, Halifax. He qualified in and opened a pharmacy in Abergele R Colwyn Bay, in 1893, later removing Victoria Arcade.

ALDERMAN JOSEPH A. COSTELLO, M.P. Mayor of Galway, and a former presi of the Pharmaceutical Society of Irel is the subject of the following commer "Dublin Opinion": "The mayor of Gal (Alderman Joseph Costello), who is a p maceutical chemist, has been appoint director of Coras Iompair Eireann new Irish Transport company). Wil try to get trains to run ter in die, or wi be content with the mixture as bef We shall certainly expect him to see we are not well shaken while being tak

A DRUG-TRADE V.C.

HE King has approved the award of a Victoria Cross to Major (acting) Frederick Albert Tilston, the Essex ttish Regiment, Canadian Infantry ps. Major Tilston is connected with the ociated company in Canada of the Chas. Phillips Chemical Co., Ltd., 179 Acton e, London, W.3. The following abstracts taken from the official citation:—

cross approximately 500 yards of flat, n country [Hochwald Forest], in face of nse enemy fire, Major Tilston personally his company in the attack, keeping gerously close to our own bursting ls. Though wounded in the head, he tinued to lead his men forward through e to the enemy trenches, shouting ers and encouragement and using his n gun with great effect. When the oon on the left came under heavy fire n an enemy machine-gun post he ned forward and silenced it with a ade; he was first to reach the enemy tions . . . and with outstanding gallry pressed on with his main force to second line of enemy defence on the e of the woods . . . he was severely nded in the hip . . . he struggled to feet and rejoined them as they reached trenches on their objective. Here an orate system of underground dugouts trenches was manned in considerable ngth, and vicious hand-to-hand fighting wed. . . . Such had been the grim- of the fighting that the company was reduced to one-quarter of its original ngth. The enemy counter-attacked atedly, supported by a hail of mortar machine-gun fire from the open flank. or Tilston moved in the open from oon to platoon quickly organising their nce and directing fire against the ncing enemy. The enemy attacks trated so close to the positions that ades were thrown into the trenches by his troops, but this officer, by perl contact, unshakeable confidence, and enchable enthusiasm, so inspired his that they held firm against great . . . . When the supply of ammunition me a serious problem he repeatedly ed the bullet-swept ground to carry ades, rifle and Bren ammunition to his ps. He made at least six of these rdous trips. . . . On his last trip he wounded for the third time. Although seriously wounded and barely cons, he would not submit to medical tion until he had given complete instructions as to the defence plan, had emphasised the absolute necessity of holding the position, and had ordered his one remaining officer to take over. . . . By his calm courage, gallant conduct, and total disregard for his own safety he fired his men with grim determination and their firm stand enabled the regiment to accomplish its object of furnishing the brigade with a solid base through which to launch further successful attacks to clear the forest, enabling the division to accomplish its task.

CANADIAN NOTES

New Antibiotics Named.—The general manager of Ayerst, McKenna & Harrison, Ltd., Montreal, speaking on the present position of penicillin in Canada, said that all public hospitals throughout the Dominion received a monthly quota of penicillin, and there had been a sharp decrease in price since the early days of production. Research in the field of mycology, he went on, had opened a whole new field in the practice of medicine, and many other substances produced from moulds were now the subject of broad research. Possibly the most promising of these were known as "streptothricin" and "streptomycin." They had a broader field of application than penicillin, were effective when used locally, and had possibilities in internal treatment.

Attack on Army Pharmaceutical Service.—Speaking in the Dominion House of Commons recently, the Liberal member for Calgary West declared: "The pharmaceutical services, as administered in the British and Canadian armies, are about the same as in the days of the Crimean war." In civilian life, he pointed out, only trained pharmacists were allowed to compound or dispense drugs. In the Army, persons with the most limited training were dispensing drugs to the personnel of the Forces. The same was true, though to a lesser extent, of the Air Force. He understood that opposition to any improvement came from the medical branch of the Service—the branch that for thirty years had opposed the establishment of a Dental Corps. He urged that belated recognition, status, promotion and pay should be given to the pharmaceutical profession by creating a Pharmaceutical Corps in the Army. In reply, an undertaking was given by the Parliamentary Assistant to the Defence Minister that the matter would be reconsidered.

WAR-TIME PHARMACY IN JERSEY

The following abstracts are taken from a letter to Mr. Thomas Marns from Mr. P. R. J. Roberts, Jersey, on behalf of colleagues. In sending us these notes Mr. Marns says: "It was during my presidency of the Society that, in company with Mr. F. G. Wells, who was then chairman of the Organisation Committee, I went over to Jersey and formed the first overseas branch. To me, it is quite interesting to see that Mr. Roberts and his colleagues have found the branch useful during the period of occupation."

On the occupation of Jersey by the Germans, the chemists of the island were in the position of being, on the whole, well stocked with everything usually found in a chemist's shop. In this short account we shall confine ourselves to a brief description of what happened from the purely pharmaceutical aspect.

Goods from France

In the first months, drugs already in the island proved sufficient for all demands, and business continued as usual. When supplies began to run short, it was realised that something must be done. In the meantime, the States of Jersey had sent a Jerseyman over to France as a buyer of island requirements, and he had, among other things, secured a supply of French pharmaceutical products and a very meagre supply of unknown French proprietary medicines. These arrived in the island and the question of their distribution to chemists arose. This was where the recently-formed branch of the Pharmaceutical Society stepped in and proved its worth. Under the chairmanship of Mr. P. Le Quesne, a meeting was called to which were invited the two owners of chemists' businesses who were not members of the local branch. At this meeting, a local Chemists' Pool was formed, and an agreement reached as to the division of all supplies arriving from France. Messrs. Roberts and Gould were elected as the two representatives in all matters in which the Pool and the States of Jersey (or their Department of Essential Commodities) were concerned.

The first major point which arose was the question of baby foods. All stocks of English foods were exhausted, and the only baby food left was one made and controlled by a wholesale firm of grocers, "Renouf's French gruel." The handling of this line on a coupon basis was secured for the chemists and, thanks to the Food Control, has always been maintained Its composition has varied from time to ne, but the fine healthy babies seen in the island are proof that, although not a ays exactly to original formula, it was, nevertheless, consistently good.

An Expedition for Supplies

Very early on, it was realised tha official States buyer, being a layman was not qualified to buy on behalf of che sts. A meeting of the chemists was called it was decided to apply to the appro departments for permission to se chemist to France to buy on our b alf. Madame Labasse, a French chemist gistered in Jersey, was asked to give u the benefit of her knowledge not only the French language but also of French wole-sale drug houses, and to go to Fran on our behalf. This she agreed to do. Ap ca tion was made first to the States and ne to the German authorities for perm ion for her journey. Next, a credit was ab lished through the States with the se representative in Granville and, in due Madame Labasse left for France. Sh va away for some four weeks, and durin ha time did a good job of work. Not on di she order quite a considerable quan patent medicines and drugs but also ha was more important, arranged with ole-sale firms to accept our future ord by post. Any goods to our orders wer ai for against invoice at Granville. Tra from Granville was arranged by the

So far so good; but the next p was their distribution to the various ists, and here Mr. Gould (Boots, stepped into the breach. On bel Messrs. Boots he undertook the wh side of the transaction. These a ments held good right up to D-da although we did not at all time everything we required, we were give a dispensing service. B.P. sta were, on many occasions, departed Ersatz preparations were the rule than the exception, but the wishes doctors were carried out in the spiri in the letter.

Arrival of Relief Ship

There was only one bromide (pot sodium and ammonium were the th one). Pot. bicarb. was always read a bicarb., and what should we hav without carrageen moss? Supp

orphine, heroin, chloroform, ether, etc., though at times dangerously short, never mpletely failed and, fortunately, the ugs of the sulphonamide group were ways available. Several batches of essen- l drugs were obtained through the good fices of the Red Cross. After D-day, no ore supplies were obtainable from France, d the position was serious, not only for e chemists, but also from the hospital le. Then the "Viga" arrived, and once ore the situation was saved. She brought loroform and ether for the hospital, and all but useful supplies for the chemists. her third trip, she brought a complete tocking order for Messrs. Boots, not signed to them but originally intended the restocking of their branches in rsey and Guernsey, and handed over to Red Cross. These goods provided us th many a good and welcome laugh. They included such things as Juno-Junipah, Carter's pills, Sloan's liniment and Mother-ill's sea-sickness remedy. It was suggested that the latter should be packed, tied with red, white and blue ribbon, and sent to the German Kommandant with compliments!

Looking Forward

Now it is all over and we are only waiting for the day when we can reorder and restock from England. We have done our best to keep the pharmaceutical service going in the island. It has not been easy, but we Jersey chemists can, we believe, say that we made the best out of what we had, and we did not let the public or the medical profession down. A last word—thanks are due to the parent Society for accepting and recognising us as a branch. Without our local branch, things would have been chaotic.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

IOR to the monthly meeting of the Council the Pharmaceutical Society of Northern land, held on May 18, THE PRESIDENT, Charles Abernethy, Ph.C., entertained mbers to a VE-day luncheon. Those sent included Messrs. James McDowell ce-president); J. W. Gray, J.P. (treas- r); and D. L. Kirkpatrick (secretary); ss Kennedy (assistant secretary); and ssrs. R. G. Ronaldson, H. Frame, J. Noel tterson (Home Office, Stormont), and Davison (solicitor). PROFESSOR E. B. C. YRS, M.D., who proposed "The Presi- t," spoke of the long and honourable nexion the name Abernethy bore in rmacy. Mr. Charles Abernethy was wn for his sincerity and modesty and regarded with affection by the Council. year of office had been memorable by son of the victory in Europe, and the ing on the statute book at Stormont the Medicines, Pharmacy and Poisons (N.I.). MR. FRED MOORE said that, the youngest member of the Council, he orsed the sentiments expressed by fessor Mayrs, and MR. ABERNETHY, ying, thanked Professor Mayrs and Moore, and said he would regard that as one of the happiest he had ever nt.

retary's Services Recognised

The Secretary" was proposed by THE SIDENT, who referred to Mr. Kirk- rick's long and faithful tenure of office. acknowledging, MR. KIRKPATRICK said was the oldest member of the Council present. "The Home Office" was proposed by MR. J. DONAGHY and replied to by MR. RONALDSON; "The Press" and "The Legal Profession," proposed by MR. J. F. GRIMES, J.P., was responded to by MISS A. FARRELL ("Belfast Telegraph") and MR. DAVISON.

Subsequently the Council meeting was held at the Society's headquarters. Those present were Messrs. Charles Abernethy (president), J. McDowell (vice-president), J. W. Gray, J.P. (treasurer), W. C. Tate, J. McGregor, S. H. Forrest, J. T. Nicholl, James Glendinning, F. Moore, H. F. Moore, J. F. Grimes, J.P., H. H. Cowzer and James Donaghy, Dr. S. E. A. Acheson and Professor E. B. C. Mayrs, M.D. Mr. D. L. Kirkpatrick (secretary) was in attendance.

A letter was received by the president from Mr. J. R. Guiler, and the Council, after careful consideration, unanimously endorsed the secretary's action in charging cost price for copies of the 1945 register.

COMING EVENTS

Thursday, June 7

BIRKENHEAD AND WIRRAL PHARMACISTS' ASSOCIATION. Visit (postponed from May 24) to Pricing Bureau, Princes Road, Liverpool. Meet at Woodside Ferry to catch 2.30 p.m. boat to Liverpool.

Sunday, June 10

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble to Middlewood, Lyme Park, and Romiley. Meet London Road station, 9.20 a.m. Book Middlewood return.

I.C.I.'s WAR-TIME ACHIEVEMENTS

At the annual meeting of Imperial Chemical Industries, Ltd., held in London on May 24, the chairman (Lord McGowan) made a lengthy statement on the activities of the company, from which the following abstracts, chiefly relating to the chemical, pharmaceutical and drug trades, are taken:—

We were responsible for turning out over half a million tons of sulphate of ammonia a year, and we did this without neglecting the production of other fertilisers made at Billingham, e.g. nitro-chalk and complete fertilisers. Indeed, the yearly output of fertilisers together was stepped up from 160,000 tons in 1939 to over 260,000 tons in 1944. Since 1939, almost 400,000 tons of explosives have been made, besides hundreds of millions of detonators, fuses and other accessories, including the filling of a total of over ninety million incendiary bombs.

Supplies for Russia

Before the war I.C.I. supplied the Soviet Navy with some 200,000 cupro-nickel tubes. After the German attack in 1941, we received an urgent order from Russia, and in two months made and dispatched a further 77,000 tubes, an achievement which was acknowledged in a personal note of thanks from the Soviet Ambassador. Not that this was the only contribution we made to Russia's war effort. Between 1942 and 1944 we shipped to them thousands of tons of caustic soda, methanol, bleaching powder and other chemicals, including Perspex.

Plastic materials, of course, were specially needed for war in the air. Our product Perspex—which is also our invention—is almost universally used as a non-splintering, glazing material of British aircraft. The transparency, lightness and outdoor durability of Perspex, together with the ease with which it can be worked into various shapes, are its greatest assets, and indeed many present designs of planes would have been impossible without this material. Another asset is that it can be moulded from sheet without any interference with its almost perfect optical properties, which are essential for aircraft work. Output of Perspex in our own factories increased ten times and, in addition, two plants with a combined capacity greater than our own were built and are being operated by us for the Government.

Plastics Developments

An outstanding I.C.I. achievement in field of plastics was the discovery a development of polythene or polymeri ethylene. This was the result of a p gramme of fundamental research—that research unrelated to any immedi commercial purposes or process which essential to progress—initiated by alkali division as far back as 1930. though polythene was discovered in 19 the difficulties attending research at p sures above that operated in any indust process at that time, and the translat of research results to the full indust scale, were so great that the first product unit only came into operation on Septem 1, 1939—the day on which the Germ invaded Poland. Before then, of cou the industrial applications of the mate had been fully explored, both with ca makers and the Post Office, and had b found so promising that a decision was once taken to double the plant. Polyth was seen to be a most valuable insulat material for high-frequency radio and t vision. It is a coincidence that it sho have been available at the precise mom when it was most needed for the deve ment of that other great triumph of Bri scientific enterprise, radiolocation, known as Radar. The war brought th British inventions together, and by middle of 1941 practically all British Ra equipment was provided with polyth insulation. In 1942 it was possible to tr the output of 1941, and in 1943 to do that of 1942. Meanwhile, British res with polythene-insulated Radar epuipm had so impressed the U.S. authorities t with the full approval of the British C ernment, an American technical mis from E.I. du Pont de Nemours invited to inspect the plant, and was g information to enable similar plant to erected in the U.S.A. Without polyth Radar could never have been develope rapidly or so efficiently. We are prou have been able to pass on the benefit our discovery to our American allies use in their war effort.

Production of Pharmaceuticals

It is particularly gratifying to be abl record the service we have performe preventing and curing disease and the h ing of wounds. This work has been fa tated by the formation of Imperial Chem (Pharmaceuticals), Ltd., in 1942. In

in peace, malaria is the great killer, using more death and suffering than any her disease in the world. Britain began e war with the expectation that she could ly on unlimited supplies of quinine, still e best natural specific against the dise. Germany, on the other hand, in her arch for new drugs to be sold abroad, d developed the synthetic drug Atebrine. ithout arranging to make this drug on a rge scale, I.C.I. had not neglected to certain its constitution, and had worked t a process of manufacture. As early as 40 we produced a few hundred thousand blets. Then the loss of British quinine pplies in the East Indies made a synthetic ecific vitally important, and with the most speed we enlarged our manufacturg capacity of the British equivalent epacrine. Last year I.C.I. produced over o tons of mepacrine, equivalent to nearly o thousand million tablets—a production at is of itself sufficient to meet the needs the British fighting services, and has ved many thousands of lives in the Middle d Far East campaigns. To enable the epacrine tablets to be used by the indilual soldier in the heat of the tropical ngle a moisture-proof package was needed. lythene proved the ideal material, and lay the tablets are sealed-off in strings transparent polythene film (see *C. & D.*, y 5, p. 450).

We began to make penicillin in co-operan with Sir Howard Florey as early as 41, and have since built two large plants the Ministry of Supply, of which one n operation. I hope it may not be far tant when the benefits of penicillin will available to the general public.

ricultural Products

t would not be fair to leave the work of organic chemists without mentioning research triumphs which, though they ve no direct bearing on the war effort, have been able to announce during the r, and which have great possibilities for period after the war. One is the new ecticide to which the name Gammexane s been given. It has been claimed that mmexane is more toxic to insects than D.T., cheaper and easier to manufacture l, so far as can be seen, less injurious other forms of life. It has already estabhed itself as a great controller of insect ts, and has been found a most effective apon against locusts. It can destroy evils in flour without rendering it harm- or even unpalatable for human conption. It has been used equally effectively against the dreaded Colorado beetle, and it is hoped will be effective against that ancient enemy of the British farmer, the wireworm. Gammexane is already in small-scale production. The other discovery we have been able to announce is a revolutionary weed-killer for agriculture, which is known as Methoxane, the astonishing property of which is that it will kill most of the weeds that infest cornland in Britain without harming the crop itself. Its action is linked with the growth-promoting substances in plants which are known as plant-hormones, and on which I.C.I. has been working for many years. At the present moment, trials of Methoxane on a national basis are being carried out by us in co-operation with the Ministry of Agriculture. The benefits that are likely to accrue to the community in times of peace from these discoveries by I.C.I.'s organic chemists in time of war will not, I hope, need any emphasis from me.

Improved Fuels

A special fuel, known as Victane, was developed at Billingham, which gives the engines of fighter planes up to 25 per cent. more power than any previous aviation fuel. We began to manufacture Victane in 1944, and immediately passed on to this country's American allies full technical information relating to the process. The new fuel was available on D-day as well as for the special fighter squadrons to which fell the duty of destroying the flying bombs which a little later were being launched against London and Southern England. The speed of these missiles was so great that ordinary fighters could scarcely keep up with them, but the use of Victane gave them the extra turn of speed that enabled Royal Air Force pilots to catch and destroy many of the bombs before they reached their target. The urge remained for fuel which would give still greater speeds with existing engines. A particular organic chemical was found which had these properties, and as it was not normally available, a practical process of manufacture was quickly worked out by our organic chemists, and the substance produced by us at a Ministry of Supply factory.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the *C. & D.*, 17 Argyle Street, Bath, Somerset.

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.. CXLIII JUNE 2, 1945 NO. 3408

e fact that goods made of raw materials short supply owing to war conditions are ertised in this paper or described in its orial columns should not be taken as an ication that they are necessarily available export.

"Big Business"

publish in this issue abstracts from the ech of Lord McGowan to the stock-lers of Imperial Chemical Industries, ., at the annual meeting of the company l on May 24, and reviewing war-e productive activities, inventions and elopments, many of them of the first ortance nationally, in the various ches of the chemical and allied indus-s. Space does not permit the publication he chairman's address in full—a state-t of some 7,500 words.

rom the war aspect the industrial evements of this great undertaking are tanding and were summed up by Lord owan when he said that ". . . had r company not been in existence, nised and directed as it was, the whole ity of Britain to prosecute the war ld have been gravely, if not fatally, ired." Lord McGowan took the ortunity to reply to the attacks that e been made on "big business," and icularly those made against I.C.I. In ing he said: "For more than six s I.C.I., like all concerns directly and ly involved in the national war effort, had to keep strict silence on its gs. In this we had no option, but our enforced silence has unfortunately left the stage clear to the critics and detractors who are ready to seize any and every opportunity to attack what is popularly known as 'big business.' They single out I.C.I. for most reckless attacks, partly because they recognise I.C.I. to be one of the most efficient and successful examples of that system of free enterprise which they wish to overthrow." Lord McGowan went on to say that ". . . the reason for I.C.I.'s formation was against just such an emergency as faced us in 1939 . . ."

Statements of fact in the chairman's review certainly support the substantial claims made, and should at least convince the critics that I.C.I. succeeded in building up, during the pre-war years, an industrial organisation of sufficient strength, capacity and efficiency to enable this country to enter the war in 1939 in a state of some preparedness. In the field of research, invention and development during the war only an organisation of the dimensions and experience of I.C.I. could have successfully met all the urgent and vital demands made upon it in the national interest.

Towards the close of his speech Lord McGowan referred to ill-informed generalisations and loose talk regarding combines and cartels and said "he had not the slightest objection to an impartial investigation into the whole matter." . . . "your company has never, either by virtue of its size or by arrangements with other manufacturers at home and abroad, engaged in what is called restraint of trade." . . . "in our national as in our international agreements I.C.I. has nothing to hide, nothing for which to apologise, and nothing of which to be ashamed."

Pending such an investigation, as promised by the Government in 1944, we have the solid and comforting facts that I.C.I. has founded and developed a basic chemical industry comparable with any other in the world, which has proved its value to the nation in time of peril, and that it has been built up out of its own resources and not out of national funds. Passing from war to peace we have a basic industry the value of which, for world trading purposes or to meet any future national emergencies, cannot be assessed in terms of pounds,

shillings and pence. The Government investigation referred to should show whether or not the agitation against "big business," as represented by I.C.I., and many of its alleged malpractices and its dangers to the community were not largely based on the theories of politico-economists, and possibly, in some measure, particularly during the war years, it might be found there was support for the discordant voices from outside quarters that were not entirely pro-British.

Trade with the Channel Islands

TREASURY Orders (S. R. & O., 1945, Nos. 592 and 593) have been made to free the movement of sterling notes in both directions between the United Kingdom and the Channel Islands. A further Treasury Order (S. R. & O., 1945, No. 594) has been made so as to prevent Regulation 3c (2A) of the Defence (Finance) Regulations from blocking the banking accounts in this country of Channel Islands residents. There are no exchange control restrictions on remittances to the Channel Islands, which are part of the sterling area. Full banking services between the Islands and the United Kingdom will not be available immediately, and persons desiring to use such services should get into touch with their banks. The Trading with the Enemy Department announces that as a result of the liberation of the Channel Islands the territory ceased to be enemy territory for the purposes of the Trading with the Enemy Act, 1939, except for the purposes of Sections 3, 4, 5 and 7. The Board of Trade has now made an Order (S. R. & O., 1945, No. 545) by which the territory ceases to be enemy territory for those purposes (which include the purposes of the Custodian Order). Accordingly there are now no restrictions upon normal commercial and financial intercourse or dealings with individuals resident in the Channel Islands, or with companies controlled by such individuals except in so far as such persons remain enemy as defined in the Act after the liberation. The provisions of the Custodian Order cease to apply in respect of the property of persons who do not come within the definition of enemy. Bankers are authorised to all such persons to operate their bank accounts maintained in the Uni Kingdom. No further collections will made by the Custodian of Enemy Prope in the United Kingdom, save as mentio below; and any sums still outstand may be paid direct to creditors in Channel Islands. A further announcem will be made in due course about the posal of money already in the hands of Custodian. No further report need made to the Custodian of money or prope The provisions of the Trading with Enemy Act and the Custodian Order w of course, continue to apply to mor securities and other property held companies which are enemy as defined the Act; cases of doubt should be refe to the Trading with the Enemy Dep ment, 24 Kingsway, London, W. An article on war-time pharmacy c ditions in Jersey appears on p. 556.

Purchase-tax Plan for Retail

SINCE the publication of the Customs Excise notice to the effect that the Treas had made the Purchase Tax (Suspensio Registration Limit) Order, 1945, abolisl the exemption from registration and of small manufacturers and others wl sales of goods liable to purchase tax do exceed £500 a year (*C. & D.*, May 19 495), many chemists have been pertu at the potential repercussions on busi envisaged by this Order. It was thou for example, that the responsibility the collection of purchase tax might from the wholesaler to the retailer; it might be necessary to undertake a s of clerical work; that it would be diff to discriminate between tax-paid and free raw materials.

Although it is not possible at the pre juncture to provide details of the simpl scheme of collection of tax from s manufacturers, sufficient information is available to enable us to assure cher that such fears are groundless. It has arranged, for example, that persons become liable to registration as a resu the withdrawal of the exemption limit all chemists who carry on the manufac

chargeable goods, will continue to buy their stocks of goods and materials ject to purchase tax as under the present angements. They will not be given a chase tax registration number which uld enable them to buy stock or material of tax. The only tax for which the new ss of registered persons will have to ount is tax on their own manufactures chargeable goods.

n so far as materials are used in manuures on which tax has been paid re will be arrangements for securing bate on the tax on the materials. The te will be given in the form of set-off inst the tax due on the finished articles. chase tax is in the ordinary way assessed the "open market" wholesale prices of the goods. Since in most cases there will be no such established wholesale value for the chemist's own manufactures, the taxable value of any chargeable manufactures will be fixed in relation to the tax-free retail prices: it will not be based on the cost of manufacture. The taxable wholesale value will be arrived at by deducting from the tax-exclusive retail price, a rate of discount which is still the subject of negotiation between the Customs and Excise authorities and the National Pharmaceutical Union. A circular providing details of the scheme is at present being prepared by the N.P.U. and will be issued so soon as negotiations are complete; chemists are advised to wait for this advice before completing Form P.T. 1C.

SOUTH AFRICAN PENICILLIN

some time penicillin has been manufacd in Cape Town on a small scale by ersen, Ltd., manufacturing chemists, who e distributed it free of charge to the medi- profession. Last year, when penicillin was emely scarce in South Africa and none available for civilian use, the com- y's chief chemist made an exhaustive y of the whole subject. He decided that, e it was out of the question to suggest acquisition of the huge plant and tal necessary to compete with Britain the United States in the production of cillin salt in highly concentrated form ble for all purposes, his company could, mparatively small cost, produce liquid cillin in less concentrated form suitable local application in skin and other tions. This the directors set out to do. f of the success of their efforts is now lable in testimonials. Since April 1944, t twenty-four dozen 6-oz. bottles of cillin have been manufactured every th. Although the cost of manufacture been about £100 monthly, no charge been made by the company for its uct. Only now, when penicillin from seas is becoming more readily available ivilian use in South Africa, making the ssity for the local product less urgent, e full story of Cape Town's penicillin eers being told. The local product has ncentration of twenty units per c.c., local medical opinion is that this entration is more than sufficient for local-application purposes. By careful ning, four modern laboratories were constructed in the heart of the chemical factory. In the first, in which the temperature is controlled, the original mould is grown on agar jelly in a few ordinary medicine bottles. After five days, greenish-coloured spores appear on the surface. These are the seed cultures. In the same room some 1,000 gin bottles, each containing a solution of sugar, inorganic salts and other nutrient material, are arranged in tiers. Every bottle, which is plugged with cotton wool, has been sterilised, with its contents, by heating under pressure in laboratory No. 2. At the proper time the seed cultures are shaken up with sterile water and a few drops of the liquid introduced into the gin bottles. This is done in the third laboratory, the air of which is kept sterile by a mercury vapour lamp. All examinations, transfers, injections and testing are done in this room. The injected medium remains in the gin bottles for six days when a thick pelt-like mould is seen floating on a yellow liquid. The liquid is the filtrate in which penicillin is present. The filtrate is poured off into large glass jars which are then placed in a refrigerator and brought almost to freezing point. In the fourth laboratory a layer of amyl acetate is poured on the surface of the chilled yellow liquid. Acid is added, the contents are shaken, and the penicillin is forced from the water into the amyl acetate. The penicillin is eventually concentrated, its strength measured and the liquid diluted to give the required strengths in Oxford units.

LEEDS BRANCH OFFICERS AND REPORTS

THE twenty-second annual meeting of the Leeds District Branch of the Pharmaceutical Society took place on May 16, when Mr. C. S. Challinor, Castleford, was succeeded as *Chairman* by Mr. A. L. Peters, Leeds. Mr. N. Jackson was appointed *Chairman-elect*; Messrs. Paul Dobson, Ph.C., and G. C. Crummack, Ph.C., were re-elected *Treasurer* and *Secretary*; Mr. F. J. Carr retained his duties as *Golf Secretary*; and the following *Council* was elected: Messrs. M. G. Ashley, E. Buckley, F. J. Carr, F. J. Hall, F. A. A. Jones, R. C. Laws, F. Mitchell, L. W. Rycroft, J. Schofield and Miss F. Cousin (the combined chairman and secretary, Leeds Branch, National Pharmaceutical Union). To the existing *ex-officio* members of Council (Messrs. N. N. Armitage and J. Judge) were added Messrs. T. Heseltine (a member of the Pharmacitical Society's Council and N.P.U. Executive), A. W. Lupton (a member of the board of examiners, a lecturer at Leeds Medical School and foundation secretary, a past-treasurer and past-chairman of the branch), W. F. Kemp and T. Shooter (past-chairmen and local secretaries for the British Pharmaceutical Conference, 1934).

Post-qualifying Courses

THE SECRETARY (Mr. Crummack) reported eighteen responses to an invitation for names of members desirous of taking a suggested course for the diploma in biochemical analysis at Leeds College of Technology, and forty-four replies favourable to a "refresher" course for civilian pharmacists. The proposed curriculum of the latter would cover sterilisation and aseptic technique; recent changes in the British Pharmacopœia; liaison between research and the presentation of a finished product (official or proprietary) as available for dispensing; chemistry and pharmacology of the sulphonamides, vitamins and hormones; forensic pharmacy; the Pharmacy and Medicines Act, 1941; the code of ethics, and the Statutory Committee. It was unanimously agreed to invite the College of Technology to proceed with the courses.

"Disturbing" Extension of Discipline

Arising out of the Pharmaceutical Society's warning to chemists against selling various types of explosive materials to schoolchildren, MR. PAUL DOBSON said he felt sure chemists throughout the country realised their responsibilities in this regard, but they did not want a lot of restric beyond necessity, and it was some disturbing to read that the Council consider it necessary to submit cases had gone to court to the attention o Statutory Committee. Every chemist surely use care for the sake of his reputation, but the situation was di because, in refusing entirely to supply of the less harmful materials, the ch risks losing family business. MR. DO felt this was a matter that could and s be dealt with by the Council by some means than the Statutory Commit MR. CHALLINOR said he had himself re to sell quite a lot of these chemica stances to young people, and felt su had thereby lost a good deal of f business. What, he asked, was the prevent the youngsters from gettin stuff they wanted by buying sulphur one chemist, saltpetre from another so on? He did not like the Statutory mittee idea at all; it seemed to him going beyond the intentions of Parlia —Another member contended that th responsibility in a matter of this kir on the parents. If some genuinely en astic young chemical student needed materials, let the parents do the purch

Secretary's Report

In his secretarial report (his sixtee the twenty-two years of the Branch hi MR. CRUMMACK recorded a year of ex branch meetings and committee including that of the branch's edu subcommittee and the pharmacy ad committee to Leeds College of Techn A letter had been sent to all headm and headmistresses of West Riding dary and grammar schools clarifyi relation to school-leavers, the disti between the requirements for tak course in dispensing and for enterin career in pharmacy. Inquiries at University indicated, the secretary f recorded, that there was no prospec grant for pharmaceutical research n possibility of classes there for the di in biochemical analysis. The br queries as to refresher courses in pha for ex-Service men had not been d answered, and might be a matt subsequent discussion. A useful servi been rendered to local pharmacy h GORDON SHAW (since lost on war se who reported the issue of babies' weigh by Leeds clinics bearing a printed

others "Never consult a chemist." igh the help of the N.P.U. Executive, mple apology and withdrawal promise een received from the Leeds Babies' me Association. The branch regretted ss of a veteran worker by the death e late MR. S. N. PICKARD, Ossett; d good wishes to members and all pharmacists now in the Forces, and atulated Flying Officer Turton on his award of the Distinguished Flying Cross. The branch financial statement, read by MR. PAUL DOBSON, for the first time showed a deficit on the year's working, a heavy increase in costs of postages, stationery, etc., but the deficiency (19s. 10d.) had been met by headquarters. The meeting passed a resolution asking that a full finance statement of the Society should be sent to all branches every year.

BOLTON DISPENSING AGREEMENT

MACISTS in Bolton have reached agree- on standard dispensing charges to be in the area. The scheme is on the f a similar agreement put into opera- ecently by the Blackpool Branch of ational Pharmaceutical Union (*C. & arch* 3, p. 217), with the following nal or different provisions:—

ittee of Three

ere a prescription has been priced ly the complaint is made to a com- of three instead of to a specified . "Such offender will alter his books ordance with the accepted price of mmittee, and such price shall be d in future." If agreement is not d, the matter will be referred to the al Pharmaceutical Union, whose n will be taken as final. Three s within a period of three months reported to the N.P.U. and/or the aceutical Society. When proprie- re prescribed in quantities not corre- ng to original containers, the nearest te original is dispensed wherever e. Unusual prescriptions are charged ng to time taken "at the rate of at s. per hour." An additional fee of 1s. le for dispensing carried out more alf-an-hour after closing time, and litional fee of 6d. is charged for and Schedule IV prescriptions. inimum charge for a draught is set ence, and the charge for copying a ption at 1s. Family recipes are ed in price by 100 per cent. (for le, what was previously given as nyworth each of chlorodyne, liquor- i antimonial wine is now supplied penny worth of each). Prescriptions cipes handed in are stamped and in code before being handed back, r the preparation is supplied or The following table sets out the s for hire of appliances and hire of rs of oxygen and other gases, full rice being charged as deposit:—

Small appliances 2s. 6d. per week	Medium appliances 3s. per week	Large appliances 6s. per week
Male urinal .	Male bed-pan	Water beds
Female urinal .	Female bed-pan	I.R. cushion beds
Folding bed-table	Bed rest	Bath chair (folding Alwins)
Splints . .	I.R. air-ring I.R. air-cushion . Crutches (adjustable)	Iron frames

Enemas, douche cans or whirling sprays are not loaned in any circumstances.

Oxygen and other cases, etc., complete with fittings:—

	20 ft. cyl. = 120 gall.		40 ft. cyl. = 240 gall.		100 ft. cyl. = 600 gall.		150 ft. cyl. = 900 gall.	
	s.	d.	s.	d.	s.	d.	s.	d.
Extra charge for messenger delivery . .	5	6	7	6	9	6	12	0
Extra charge for special delivery	1	0	1	6	2	0	2	6
By passenger train up to fifty miles .	1	0	2	0	5	6	8	6
By passenger train over fifty miles . .	2	3	2	9	7	6	11	0

What Nonsense!—"Apropos sticking plaster. . . . Fellow sufferers from what, for want of an uglier name, is still called lumbago, will deplore the statement by Mr. Willink that as yet nothing has been achieved by his Ministry towards eliminating the itch from adhesive tape. Personally I reject the argument that 'Anti-itch research cannot be accorded precedence over other post-war needs on the present schedule, on which it is listed no higher than second from the bottom.'" "Beachcomber" in the "Daily Express."

PHARMACEUTICAL STUDENTS' ANNUAL CONFERENCE

THE British Pharmaceutical Students' Association held its third annual conference in London recently, when there was a record attendance that included delegates from colleges at Aberdeen, Birmingham, Bradford, Burnley, Cardiff, Edinburgh, Glasgow, Leeds, Leicester, London, Manchester, Nottingham and Portsmouth. Mr. J. E. Shinner, Ph.C., presided.

Lectures on Chemotherapy and Pharmacy

At the first session PROFESSOR W. H. LINNELL (University of London) delivered a lecture on "Chemotherapy and the Pharmacist." Research in chemotherapy, he said, was essentially a collaboration between various workers, viz. chemist, physiologist, pharmacologist, bacteriologist, pharmacist, etc. Pharmacists, by virtue of their wide basic training, were specially suited, after further study, for work in this field. In this century all worth-while introduction of chemicals into medicine had resulted from the work of one foreign concern, and this was due to its vast research organisation. Propaganda must be put forth to enable this country to take its rightful place in this sphere. Two years before the war the Government voted £30,000 per annum to chemotherapeutic research. This sum, though small, was indicative of a sympathetic attitude on the part of the Government.

The second session was addressed by PROFESSOR H. BERRY (Dean of the College of the Pharmaceutical Society) on "Pharmacy Within the University." He explained how pharmacy had broadened and become diversified in its character with successive editions of the Pharmacopœia. The 1932 Pharmacopœia had found pharmacy ill prepared educationally, for, to understand this standard work, the pharmacist required not only an extended knowledge of chemistry, but also the fundamental sciences of biology, physiology, pharmacology and bacteriology, with some therapeutics. It was true that the actual volume of dispensing was increasing, because of the National Insurance Act, but the most modern type, that of the preparation of sterile injections, presented problems which were not easily solved. This type of dispensing was the dispensing of the future and, in retail pharmacy, the lesson of the 1932 B.P. had not been faced. Yet he believed that retail pharmacy had a future under wise guidance. When manufacturing processes left the shop they had not left pharmacy. They had pa to the laboratories of manufacturing hou to hospitals and research laborato Generally speaking, pharmacists had lowed them there, though some sect had become specialised and linked medicine.

Broadly speaking, pharmacy could defined as being concerned with the pr sion of any material, any process of ma facture or assay of any preparation substance intended for medication. field, which would continually widen, sh be operated in by persons who had rece a basic pharmaceutical training, because of its great diversity, many w have to specialise. A university true t principles would insist on certain b principles being observed. These wer

That the student had a sound training in subjects before being allowed to specialise.

That the pursuit of knowledge was controlled or dominated by any privat corporate interest. The direction of teac was a prerogative of the academic staff and the principle of academic freedom inquiry must not be subjected to control.

That facilities were provided for researc all university subjects and for post-grad research by students.

That every person within a universi students and staff and all graduates— facilities for expressing their opinions on manner of conducting the university; it sh be a thoroughly democratic organisation.

That emphasis should be laid on corporate life within the university where p of diverse callings mingled.

That the governing body of the unive or of the college should consist mainl academic persons but should include persons representative of different aspec the subject or subjects.

Control of teaching and research persons or bodies other than teachers usually detrimental. For some reason Board of Education did not recognis provide time for research in any of establishments which it controlled, inclu technical colleges. Research worker these schools were heavily handicap and needed all their enthusiasm to mai their activities.

A diploma is usually granted b non-university body which is conce with a special practice. It is gene aimed at producing a certain typ individual to do a certain type of v Generally speaking, a diploma is crab to advancement, and is usually dire

ards the immediate needs of a particular ustry or calling. It is but natural that niversity would fight shy of giving any gnition to a diploma. Session after ion it is brought home how handicapped diploma student in pharmacy is when ompetition with the degree student.

cussion

he following points and questions were ed by delegates: The many different ol certificate examinations needed to be dardised; courses at the moment were crammed to produce the student who capable of doing research. The phar- y syllabus needed to be pruned with ect to much old-fashioned pharmacy. ld pharmaceutical students associate the medical schools or the universities? ld the syllabus be revised before ervicemen were rehabilitated? Was tional education feasible at present ies?

ROFESSOR BERRY replied that the Nor- l and Spens reports suggested a uniform ersity entrance examination. The e course was too crammed and another was required; this was under considera- The pharmacy syllabus would be ed, and would contain more modern macy. The introduction of pharma- y into the curriculum had been irably received by the medical faculty; macists also needed a knowledge of peutics. Pharmacy should be within aculty of medicine within a university, he two schools should be separate. A medical service would encourage pure nacy, but what qualification would tate want? He sympathised with the ion of ex-Servicemen and adequate sion would be made, but pharmacists d exercise care in whom they admitted harmacy. The trouble with retail nacy was that there were too many macists for the amount of pure pharma- cal work to be done; consequently it diluted. The Society was alone in an examining and registering body; ht ultimately cease to be an examining British pharmacists need, however, no inferiority complex—their standard harmaceutical education was higher anywhere on the Continent.

(*To be concluded*)

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rol from Camphor.—A "Daily Tele- " paragraph states that Japan claims ve found a way of extracting high e petrol from camphor.

MEDICAL ABSTRACTS

Penicillin Pills.—A method of administering penicillin in the form of pills has been described by a United States worker (Libby, American Cyanamid Co.), who claims to have solved the problem of preparing pills that are resistant to the gastric juices by suspending penicillin in vegetable or mineral oil and encasing it in a gelatin capsule. The gelatin is dissolved in the stomach, and the inside cover of oil is said to be little affected by stomach juices. At room temperatures the pills remain for months without detectable loss of potency.

Insulin in Septic Wounds.—A postscript to the previously recorded successful use of local applications of insulin in the treatment of healing-resistant cutaneous lesions was given by Leyton in the "Medical Press and Circular" (CCXIII. 6. 95). Re-examination some years later of a case in which a skin wound had been treated by local application of insulin twice daily for three weeks, and had healed despite the previous failure of attempts to induce healing by secondary suture, skin graft, ultra-violet light and cod-liver oil ointment, showed that throughout service in the Royal Air Force, and in spite of a wound and a parachute descent, there had been no breaking down of the skin in the affected area. A convenient form of application was found to be by means of an ointment having a lanolin base.

Impetigo Treated with Penicillin.—Gold ("British Medical Journal," February 13, p. 152) records a quick cure of impetigo by application of penicillin cream. After descabbing with warm eusol, drying and applying a paint of acriflavin, gr. ½, and tannic acid, gr. 20, in 1 oz. water, the condition continued to spread and was unaffected by a change to ung. hyd. ammon. dil. Sodium penicillin cream was then applied thinly twice daily, after descabbing with warm eusol. In two days there was a 50 per cent. reduction in the lesions, and by the fourth day all were healed except for a spot on the ear. As this failed to disappear after two more days' treatment, ung. hydrarg. ammon. dil. was again used and the spot was cleansed in ten days after the treatment with the penicillin had begun. The formula for the cream was equal parts of lanolin, cod-liver oil and water, to which enough sodium penicillin was added to make a cream of 500 Oxford units per gm. In all, 10 gm. of cream was used, the total dosage being 5,000 Oxford units. No parenteral treatment was given,

IRISH NOTES

N. I. Bill in Senate.—The Medicines, Pharmacy and Poisons Bill, Northern Ireland, passed its second reading in the Senate on May 15.

Irish Chemists' Golf.—The Irish Chemists' Golfing Society held an outing at Bray recently when competitions were held for prizes presented by Proprietaries (Eire), Ltd., and Harwood Brothers, Ltd. Results were: 18-*holes strokes*, D. Gillen (17), 72; J. Daly (12), 74; 18-*holes bogey*, J. Moran (4), 1 down; B. R. Smith (6), 1 down. Mr. Stanley Savage presided at supper in the clubhouse at which there were present, in addition to the competitors, Messrs. Percy Harwood; W. J. Adamson, Ballina; Sylvester O'Farrell; and Percy Huet (captain, Bray Golf Club). The prices were presented by Mr. Harwood, and a vote of thanks to the donors was carried on the proposition of Mr. Gillen, seconded by Mr. Daly.

Pharmacy Guild Formed at Cork.—A meeting was held in Cork recently with the object of forming a Guild of Pharmacy; it was presided over by Mr. W. F. Gallagher. Mr. McSweeney said that a temporary committee had been meeting with a view to organising the proposed Guild. The committee felt that the future of pharmacy in Cork—both business and social—should be in the hands of a body representing a complete cross-section of all branches of pharmacy. This body would represent the social, business and educational interests of the profession, and would aim at achieving complete co-operation and friendship between all concerned. It would be run by a council on which all sections would be represented, with a chairman, vice-chairman, treasurer and secretary. Activities would include the formation of a club for social meetings, the club housing a library. Lectures would be given and prizes would be offered for competition amongst pharmaceutical students attending local technical schools, and an employment bureau would also be run. It was further proposed that the Guild should put forward its own representative for the Council of the Pharmaceutical Society of Ireland. The meeting then elected the officers as follows: *Chairman*, Mr. Clarke (T. R. Lester & Co., Ltd.); *Vice-chairman*, Mr. McSweeney; *Treasurer*, Mr. Blair; *Secretary*, Mr. W. A. Fielding (manager, St. Dalmas (Ireland), Ltd., Cork depôt). The following were elected to the *Council*: Messrs. Daly (employers), Gallagher (licentiates) Moynihan (druggists), the Misses L (assistants), and O'Regan (appren Messrs. Crowley (educational), O'C (wholesale), H. Johnson (first add seat), O'Shea (second additional Representatives of the travellers and pounders were not elected, as these br of pharmacy had not decided on selections. Mr. Clarke urged all pres become members of the tennis cl alternatively to utilise the clock-golf recently included. Before the meetin cluded a silent vote of condolenc Mrs. O'Connor, Western Road, Co the death of her father, was pass members standing.

Dublin Chemists' Sweepstake.—A members' sweepstake, organised by Chemists' Gaelic Athletic Associatio resulted in a substantial sum being av to the Club from the proceeds. The which was held in Dublin recentl presided over by Mr. P. C. Cahill (pr of the Club), and tickets were dra the forty-one horses due to run in th The winner of the first prize (£10) w A. Lang, 18 Grey Street, Dublin second prize (£5) was won by Mr. Meagher (president of the Rugby Cl a member of the Council of the P ceutical Society of Ireland). Mis Moane, an assistant at Clones, w third prize (£3). The tickets were by the Misses C. Gaffney and A. (chairman and captain, respectively Camogie Club). During the proc the G.A.A. Club was presented by an mous donor with new jerseys in b white, with pestle and mortar crest.

QUEEN MARY inspecting a mobile exhibitio equipment from waste paper. Your paper go

TRADE REPORT

ot quotations for pharmaceutical chemicals, crude drugs and essential oils represent prices for wholesale quantities of standard quality. C.i.f. quotations do not include rine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, May 30

ICE the end of the war in Europe, business the commodity markets appears to have tled down to a period of waiting for elopments. While the sentiment is erful enough, there seems little likelihood ny improvement in trade at least until r the General Election. The main tacles to business remain, of course, the iculty of obtaining import licences and lack of shipping space in which to carry goods. An Admiralty announcement of end of the convoy system in non-bat areas, presumably including the le of the North Atlantic, will have no ediate effect on the importation of le drugs, but eventually the greater dom of movement of ships, with the sible consequence of reduced freight rges, will help trade. British importers e advanced their prices for Brazilian ETINE, following increased costs at source.

de Drugs

xceedingly quiet conditions are reported n the CRUDE DRUGS markets, with es almost entirely unchanged from nt quotations. The position of ALOES vs no improvement, and supplies are ined to limited quantities of Curaçao. ADA BALSAM is firm at the last-tioned price. Stocks of split seed DAMOMS are exhausted. CHAULMOOGRA is dy at the higher rate quoted recently. COCHINEAL previously reported afloat now arrived. JABORANDI stocks are usted, and the price is nominal. Some kish LIQUORICE ROOT for pharmaceutical previously quoted to come forward, is afloat. West Indian NUTMEGS con-e in short supply. PIMENTO and other s are exceptionally quiet. A few odd s of good-quality rough-round RHUBARB eported to have come to light, but a high is mentioned for this scarce material. s are dull and neglected, with some rted varieties out of stock. TURMERIC arce in London, but some arrivals are cted. A schedule of selling prices for e BEESWAX for the home trade is given w. Users should note that, from June 1, lies will be obtainable only through al trade channels and not through the ciation of Merchant Distributors of wax, Ltd. CANDELILLA WAX is dearer.

Essential Oils

Nothing of outstanding interest has occurred in these markets during the week under review. Two official notifications have been received regarding prices: 1, An advance in the price of peppermint from the United States; and 2, a list of prices of refined oils and imported edible animal fats. Both notices are given below.

Pharmaceutical Chemicals

ASPIRIN.—Prices per lb., for lots of 28 lb.–1 cwt., are as follows (containers in brackets): 4s. 1d. (1-lb.); 3s. 11½d. (4-lb); 3s. 10½d. (7-lb.); 3s. 10d. (14-lb). Terms are net one month.

BARIUM SULPHATE (*x*-RAY).—Quoted at the following rates per lb., for quantities of 28 lb.–1 cwt. (containers in brackets): 1s. 5½d. (1-lb.); 1s. 4d. (4-lb.); 1s. 3d. (7-lb.); 1s. 2½d. (14-lb.); 1s. 2d. (28-lb.).

BRUCINE.—Current rates per oz. are as follows: ALKALOID.—Under 25 oz., 1s. 4½d.; 25 oz. and under 100 oz., 1s. 4d.; 100 oz. and under 500 oz., 1s. 3½d. NITRATE and SULPHATE.—Under 25 oz., 1s. 3½d.; 25 oz. and under 100 oz., 1s. 3d.; 100 oz. and under 500 oz., 1s. 2½d.

DEXTROSE.—Current prices per lb., in lots of 28 lb.–1-cwt., are as follows (containers in brackets): 1s. 2¼d. (1-lb.); 1s. 1¼d. (2-lb.); 1s. 0¾d. (4-lb.); 11¾d. (7-lb.); 11¼d. (14-lb.); 10¾d. (28-lb.).

EMETINE.—Owing to the increased cost of emetine in Brazil, British importers have had to increase their prices from June 1. The new prices are: EMETINE HYDROCHLORIDE, U.S.P., 16 oz., 175s. 6d.; 4 oz., 178s.; 1 oz., 185s. per oz. EMETINE BISMUTH IODIDE, B.P. (Brazilian origin), 16 oz., 85s. 6d.; 4 oz., 87s.; 1 oz., 88s. 6d. per oz.; usual terms.

MAGNESIUM CARBONATE, LIGHT.—Makers' home market prices per lb., in quantities of 28 lb.–1 cwt., are as follows (containers in brackets): 1s. 3½d. (1-lb.); 1s. 2d. (4-lb.); 1s. 1d. (6-lb.); 1s. 0½d. (14-lb.); 1s. (28-lb.). Prices net one month.

PILOCARPINE.—Makers quote at the following rates per oz.: BASE, 1 oz., 27s.; 4 oz., 21s. 3d.; 8 oz., 20s. 9d.; 25 oz., 20s. 3d. NITRATE, 1 oz., 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

THEOBROMINE.—The following prices are ruling: ALKALOID.—Smalls, 44s. 6d. per lb.; 7 lb.–28 lb., 43s. SODIUM SALICYLATE.—Smalls, 26s. 3d.; 7 lb.–28 lb., 25s. 3d. Tins extra when supplied.

VANILLIN.—The agreed prices are unchanged as follows: 5 cwt., 21s. per lb.; 1 cwt., 21s. 3d.; 56 lb., 21s. 6d.; less than 56 lb., 21s. 9d. per lb.

Crude Drugs

ALOES.—Curaçao may be available in limited quantities, but no Cape is obtainable at present.

ARECA NUTS.—Dealers' quotations for wormy Ceylon are steady at 90s. per cwt.

BALSAMS.—*Peru* continues to be quoted at 8s. per lb., and *Canada* at 11s. 6d. *Tolu* and *Copaiba*, unobtainable.

CARDAMOMS.—Aleppy greens, spot, 5s. 6d. per lb.; Aleppy seed, 6s. 6d.

CHAULMOOGRA.—*Hydnocarpus*, spot, in tins in cases, 2s. per lb.

COCHINEAL.—Silvers may now be had on spot at 6s. per lb.

COLOCYNTH.—Fair white pulp in slow demand at 2s. 10½d. per lb., on spot.

DIGITALIS LEAVES.—Portuguese leaves are steady at 140s. per cwt., and English at 2s. 6d. per lb.

ERGOT.—Supplies are short. Limited quantities of good-quality material would be worth 6s. 6d. per lb.

GUM ACACIA.—Spot quotations for Kordofan cleaned sorts are steady at 75s. per cwt.; bleached, 175s.; Talha, cleaned, 50s. per cwt., landed.

JABORANDI.—Supplies are not available at present; price is nominal.

LIQUORICE ROOT.—Turkish, afloat, 85s. per cwt., landed, for pharmaceutical purposes only.

NUTMEGS.—West Indian are in short supply. Prices are as follows: Sound unassorted, spot, 2s. 10s. per lb.; wormy and broken, 2s. 3d.

PIMENTO.—Sellers on spot at 1s. 3¾d. per lb.

RHUBARB.—Odd cases of good-quality rough-round have been found at 20s. to 21s. per lb.

SENNA.—Alexandrian medium pods are wanted but supplies are small; Tinnevelly, manufacturing grade, 6d. to 6½d.; hand-picked, 8½d. to 1s.; broken Alexandrian leaves, 1s. 3d. to 1s. 4d.; siftings, 1s. 2d.; Tinnevelly, No. 1, 9d. to 10½d.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.

SQUILL.—Indian may be had on spot at 45s. to 60s. per cwt., according to quality.

STRAMONIUM LEAVES.—Dealers quote a spot price of 80s. per cwt.

STROPHANTHUS.—100 per cent. Kombé seed may be obtained at from 7s. to 7s. 6d. per lb., according to quantity.

TRAGACANTH.—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; dark amber, £40; brown leaf, £30; red-and-brown leaf, £25; red leaf, from £20; hoggy, £12 to £15.

TURMERIC.—Spot, 70s. Liverpool; London stocks are reported to be low but arrivals are expected.

VALERIAN ROOT.—Powdered Indian root may be obtained at 120s. per cwt.; no whole root is available.

WAXES.—BEES'.—The followin gare the selling prices for crude beeswax for home trade to take effect from June 1, 1945; prices are per cwt. net ex store duty paid:—

Type	1 ton and over	10 cwt. but under 1 ton	5 cwt. but under 10 cwt.	5 cwt. (not less than 1 bag)
	s. d.	s. d.	s. d.	s. d.
Belladi				
Brazilian ..				
Dar-es-Salaam ..	210 0	212 6	215 0	220 0
Russian				
Beira				
Abyssinian and Aden				
Belgian Congo ..				
Benguella and Bissao ..				
French Africa (Cameroons, Conakry, Congo) ..				
Lindi	205 0	207 6	210 0	215 0
Mombasa ..				
Nigerian and Gambia ..				
Nyasaland ..				
Persian				
Rhodesian ..				
Sudanese ..				
Zanzibar ..				
Madagascar Majunga	200 0	202 6	205 0	210 0
do. Fort Dauphin excluded	195 0	197 6	200 0	205 0
do. Fort Dauphin	180 0	182 6	185 0	190 0

BLEACHED AND REFINED.—On and afte June 1, 1945, supplies should be obtaine through normal trade channels and not throug the Association of Merchant-Distributors Beeswax, Ltd.—CARNAUBA.—Fatty grey, 525 per cwt., ex store, in minimum one-bag lots shipment, 425s.; Primeira, 600s. per cwt., e store; shipment, 495s., c.i.f.; medium yello 575s.; shipment, 475s., c.i.f.; chalky gre 520s.; shipment, 400s., c.i.f. (c.i.f. prices inclu ½ per cent. W.R.I.). CANDELILLA.—Prices ha been revised as follows: Under 1 ton, 235s. p cwt.; 1 ton and over, 231s. 6d., per cwt., store, U.K. OURICURI.—Spot, 305s. to 33 per cwt.; shipment, 260s., c.i.f.

Essential and Expressed Oil

ANISE (STAR).—About 160s. per lb. is bei asked for limited supplies of this oil.

CASTOR.—Official prices are unchanged follows: "Firsts," £82 per ton; "second £80, both naked ex works, in bulk lots.

CLOVE.—English distillers' prices are firm from 12s. 6d. to 13s. per lb., according to qu tity.

COTTONSEED.—Controlled prices for b supplies are as follows: Crude, £52 2s. 6 washed, £55 5s.; refined edible, £57; refi deodorised, £58 per ton; all varieties quo naked ex works.

Essential Oils Control

It is officially stated that there has been an increase in the price of PEPPERMINT from the United States. Prices now ruling are:—

	s.	d.
Notional c.i.f. price	41	2½
Ministry's landing charges ..		4
Ministry's price to A.R.	41	6½
4 per cent. levy on notional c.i.f.	1	8
2 per cent. A.R. on notional c.i.f.		10
A.R.'s price to D.P.D.	44	0½
D.P.D.'s 5 per cent.	2	2½
D.P.D.'s delivery charge ..		10
D.P.D.'s price to user in original packages..	47	1

Oils and Fats

Prices of refined oils and imported edible animal fats allocated to primary wholesalers and large trade users in the period May 27 to July 1 are:—

Oil		Per ton naked ex works £	s.	d.
Coconut,	refined deodorised .	49	0	0
	refined hardened deodorised . .	53	0	0
Palm kernel,	refined deodorised .	49	0	0
	refined hardened deodorised . .	53	0	0
Cottonseed,	refined edible . .	57	0	0
	refined deodorised .	58	0	0
Groundnut, Sunflower, Sesame/benniseed, Soya bean, Maize	refined deodorised	58	0	0
Groundnut,	refined hardened deodorised to 40° .	62	0	0
	deodorised to 50–52°	63	0	0
Palm,	refined deodorised .	55	0	0
	refined hardened deodorised . .	58	0	0
Whale,	refined hardened deodorised up to 42° .	51	10	0
	refined hardened deodorised to 46–48° .	52	10	0
Imported Animal Fats				
Tallow,	stearine	61	0	0 per ton c.i.f. basis soft wood barrels or tierces. £3 5s. per ton extra if in hard wood barrels or tierces.
South America,	premier jus . .	73	15	0 per ton c.i.f. duty paid in hard wood barrels or tierces.
	oleo oil . . .	70	0	0 if in soft wood barrels £2 5s. per ton less.

TRADE MARKS

(From "The Trade Marks Journal," May 9)

"LENTAX"; for photographic chemicals, plates, emulsions and sensitised films (1). By R. G. Lewis, Ltd., 5 Claremont Bank, Shrewsbury. 632,836 (Associated).

"PERMAGRAPH"; for photographic papers (1); photographic prints, etc. (16). By J. Halden & Co., Ltd., Rowsley Grove, Reddish, nr. Stockport. 633,086–87 (both Associated).

Figure poised for spring, with sword in hand, enclosed in circle, for raw or partly prepared vegetable and mineral substances, not included in other Classes, for use as filtering materials (1). By J. C. Carlson, Ltd., Weir Mill, Mossley, Lancs. 633,441.

"WOLMANOL"; for wood preservatives (2). By Hickson & Welch, Ltd., Ings Lane, Castleford, Yorks. 633,242 (Associated).

"LOVOCHARM"; for perfumery, soaps, toilet and cosmetic preparations, dentifrices and essential oils (3). By Khasana, 21 Ranulf Road, London, N.W.2. B630,877.

"WYN-DRUFF"; for preparations for the hair (3); pharmaceutical preparations for treatment of scalp (5). By Amovon, Ltd., Wynbro Laboratories, Southfield Lane, Bradford. 633,092–93 (both Associated).

"ANDLO"; for toilet preparations for the hands (3). By McKenna-King, 26 New Broadway, Ealing, London, W.5. 633,339.

"LILIANELLE" and "SYNCHROTONE"; for soaps, perfumery, essential oils, toilet and cosmetic preparations, dentifrices (3). By Pinaud, Ltd., 128 Atkins Road, London, S.W.12. 633,390–91.

"CHEWS"; for soaps, toilet and cosmetic preparations and dentifrices (3). By W. Stevens & Co., 78 Upper Richmond Road, East Putney, London, S.W.15. B633,553.

"HYPERDURIC"; for pharmaceutical preparations for hypodermic injection (5). By Allen & Hanburys, Ltd., 37 Lombard Street, London, E.C.3. 632,653.

"VIVINOTIN" and "VIVIFUNGIN"; for pharmaceutical substances and preparations (5). By H. E. N. Enoch, 41 Sunningfields Road, Hendon, London, N.W.4. 632,701, 632,896.

"KRIS-KAPS"; for pharmaceutical preparations and substances (5). By W. A. Furness, 90 Woodlands Road, Lytham St. Annes, Lancs. 633,154.

"CHILREM"; for pharmaceutical preparations and substances (5). By C. S. P. Leadbeater, 275 Devonshire Road, Blackpool. 633,384.

"HYSTIVAL"; for pharmaceutical preparations for veterinary use (5). By The Glanux Co., The Pharmacy, Croft Road, Crowborough, Sussex. 633,518.

"FASCINDULUM"; for apparatus for tracing harmonic motions for laboratory demonstration (9). By Cardine Accessories, Ltd., 18 Moorland Road, Bath. 633,251.

"WALTERISED"; for horological and chronometric instruments and metal parts thereof (14). By The Walterisation Co., Ltd., Waddon Marsh Way, Purley Way, Croydon, Surrey. 633,887.

CORRESPONDENCE

Purchase Tax for Retailers

SIR,—It is with interest that I read of the reactions of those concerned about the new purchase tax proposals. Frankly, extension of the tax to retailers is no surprise to me, for I have realised for a long time that the tax would either be abolished (an unlikely happening) or, if continued, would have to embrace everyone; hence the latest proposal, which confirms that the tax has come to stay. My own opinion is that it will either make small-scale manufacturers of an increasing number of chemists, or abolish manufacture of any description in chemists' shops, so that they will become just vendors of proprietaries, or—in the new National Health Service—compounders of stock mixtures. Chemists must remember that they have enjoyed exemption from tax on small-scale manufacture for five years now.

Yours faithfully,

Cowes. V. F. PAUL.

SIR.—With regard to the letter of S.E.A. in your issue of May 26 (p. 546), with reference to the proposed new purchase-tax registrations, I should like, having been registered since the tax originally came into force, to make the following points. When the original Act came into force, the thin end of the wedge was inserted by asking for the whole-hearted co-operation of all concerned on the grounds that the Act was a necessary war-time measure. This co-operation was given, and the result was that the Act was very successful from a revenue point of view. Now, as is usual with Government schemes that are a success, the wedge is being driven home. Under the Order owner-pharmacists must apply for registration, but there is nothing in the present Act, so far as I am aware, that compels them to use the powers that registration confers on them. They need not give a purchase-tax certificate when ordering, and the makers or wholesalers will then charge tax. When the tax return is made out, it can be made out at nil and the tax-paid invoices produced as proof, if necessary, that all tax payable has in fact been paid. I am as yet unable to ascertain if this mode of passive resistance can be applied to own-produced goods but, with these, tax-free raw materials could be purchased and the goods manufactured therefrom could be accounted for and tax paid accordingly, the appropriate entry being made on the purchase-tax return. In any case, the method would save th waste of time and temper involved i keeping the records necessary to satisf the inspectors of Customs and Excise, an would not involve the manufacturer an wholesaler in any additional work.

Yours faithfully,

REGISTERED FOR PURCHASE TAX.

SIR,—The Bournemouth Pharmaceutica Association has sent the following letter t the local Member of Parliament. Will al branch secretaries please do likewise? an do it now. The matter is urgent.

Yours faithfully,

Bournemouth. H. RIDEHALGH.

I have been instructed by the Bournemout Pharmaceutical Association to ask you to spea against the proposed Purchase Tax (Suspensio of Registration Limit) Order, 1945, when comes to the House for approval. For man years now, pharmacists have made small quar tities of medicine for home use (cough syrup etc.). During the years of the war in Europ they were granted partial exemption fro purchase tax on the finished article, and allowe to sell approximately £10 worth weekly of gooc of their own manufacture without charging t public purchase tax. The new Order propos to remove that exemption. Since pharmacis already pay purchase tax on the raw materia from which these preparations are made, th consider the additional revenue to the Crow will be no more than "small change." Howeve their principal reason for wishing to prevent t issue of the Order is the large amount of adc tional unproductive work it will entail. Pha macists, like all other business men, have h their ranks sorely depleted by the necessiti of war. They do not complain of this, but tho at present engaged in business in the count are much over-worked and much under-staffe They are hedged in on all sides by petty rul and regulations, and one needs the wisdom a Solomon and the patience of Job to co successfully with them. Once the war Europe was over, they felt they could look fo ward to the lifting of many of these contro instead of which there appears to be a gre danger of having an additional burden plac upon pharmacists which may well prove t straw that breaks the camel's back. There a roughly 15,000 pharmacists in the country, t majority of whom carry on small-scale man facture. The number of additional inspecto and forms to be filled, that will be required see to the proper working of the new Order c well be imagined. It is the opinion of t Association that this pettifogging new Or will soon be found to be impracticable of ope tion, uneconomical, irritating and harmful trade. It would, in our opinion, be infinit better if it never became law. We feel that t time has come when purchase tax on n advertised medicines should be abolished.

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Normo-Gastrine

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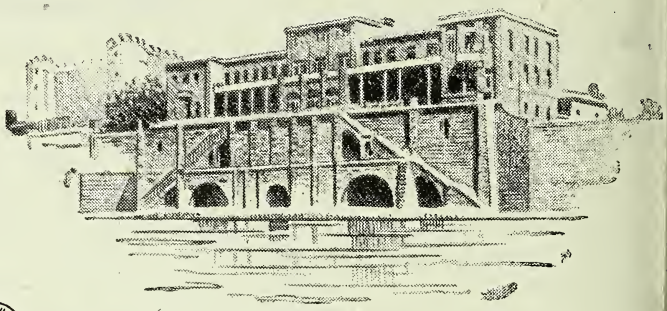

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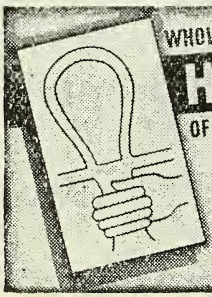

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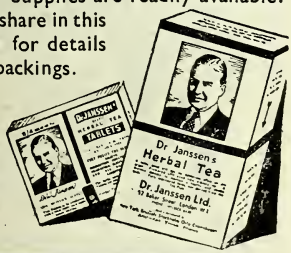

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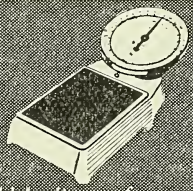

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The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

JUNE 2 1945

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, E.2, near Liverpool Street. Assistant ied or unqualified, required for about three ring holidays of permanent staffs. No uty. Reply (letter only) stating age, names of references, salary required. , 35 Sydner Road, London, N.16.

ACIST (lady or gentleman) as Super- dent in Dispensing business; hours 10 till day, holiday, or Sunday duties; vacancy in June. Full particulars, Smithsons, rcus, Brighton.

CIST required as Branch Manager (no y or half-day duty). Salary according to e Pharmacy Scale. Applications stating ience, etc., to The General Manager, & Pontypool Co-operative Society, Ltd., Mon.

PHARMACIST to take charge Branch Pharmacy, good residential area, London. Living accommodation. Permanency. 610/916, C. & D. London Office.

QUALIFIED Assistant required for a high-class Pharmacy. Good dispensing experience essential, and able to start duties on 11th June. Accommodation over shop (unfurnished flat) available on or soon after date mentioned. Apply with full particulars in first letter to Henry Davis (Newbury), Ltd., Dispensing Chemists, Northbrook Street, Newbury.

QUALIFIED Pharmacist as Branch Manager. Permanency. N.U.D.A.W. scale of wages. No half-holiday or Sunday duty. Apply by letter giving full particulars to Superintendent Chemist, Dewsbury Pioneers' Industrial Society, Ltd., 41 Northgate, Dewsbury.

ROYAL ARSENAL CO-OPERATIVE CHEMISTS, LTD., invite applications from qualified Pharmacists for the position of Manager; unqualified Assistants also required; good post-war prospects and holidays with pay. Apply in writing, stating age, experience, salary required, and position under the National Service Act or Registration forEmployment Order, to the Superintendent Chemist, Royal Arsenal Co-operative Chemists, Ltd., 113 Powis Street, Woolwich, S.E.18.

SOUTH KENSINGTON. Part-time Assistant required for Counter and Dispensing Relief, two or three days or half-days per week. (Phone: Ken 4186.) Strickland & Co., 41 Thurloe Street, S.W.7.

WANTED. Qualified Assistant for good-class Dispensing business. Please state age, height, experience, and salary required, to W. E. Matthews, Ltd., 40 George Street, Croydon.

WANTED immediately Unqualified Assistant, either sex, with Dispensing experience. Apply S. A. Sheard, M.P.S., 9 Leeds Road, Harrogate.

WANTED Pharmacist as a Branch Manager. No Sunday or half-day duty. Co-operative Pharmacy Scale. Applications stating age, experience, etc., to the Halifax Co-operative Chemists, Ltd., North Parade, Halifax, to be in not later than Thursday, June 7.

WARWICK. Qualified Manager wanted for old-established business mainly dispensing. House available. Apply giving full particulars to Mellor & Co., Chemists, Warwick.

WINDSOR. Qualified Dispenser required, either sex. State age, experience and salary. Permanency. Apply Wood, Chemist, Windsor.

LOCUMS WANTED

BOUTALL'S, LTD., 150 Southampton Row, W.C.1, require qualified Assistant for Locum duties during summer. View to permanency. Apply stating terms and when available. No Sunday or holiday duty. Hours 9 a.m. to 6 p.m.

LOCUM (Dispenser) required for Pharmacy in South Berkshire, 30th July–11th August, inclusive dates. 609/888, C. & D. London Office.

LOCUM, Qualified, required for two weeks. Hours 9.30 a.m.–11 a.m., 5.30 p.m.–7.30 p.m. No Sunday or half-day duty. State when free and salary required to Pharmacist, Cambridge Friendly Societies Medical Association, 47 City Road, Cambridge.

LOCUM Pharmacist take charge during holiday period, London. June to September, or sooner. Apply 610/917, C. & D. London Office.

LOCUM Unqualified for holiday period. London. June to September. Apply 610/919, C. & D. London Office.

LOCUM wanted from June 25 to July 7, also from September 3 to 28. Newly qualified would suit, Not single-handed. Best, Chemist, Ewell.

QUALIFIED Locum required for Country Pharmacy in Worcestershire for two weeks in July, 2nd–16th. Accommodation can be arranged. Reply, stating salary required. 609/899, C. & D. London Office.

QUALIFIED Locum required to take charge at Branch, the first two weeks in July and first two weeks in September. Apply Managing Director, Lewis Wing, Ltd., Regent Street, Weston-s.-Mare.

QUALIFIED Locum required for two or three weeks, July 22 to August 11. Busy main road business. Apply with usual particulars. S. A. Waters, 4 Westbury Parade, Balham Hill, S.W.12. (Battersea 6288.)

RETAIL (COLONIAL)

BRITISH WEST AFRICA. Young qualified Druggist, physically sound, with some experience in dealing with public. Good supervisor and salesman. Sundry lines stocked; prescription business nominal only. Capable of indenting on Home Office, maintaining sound stocks and directing branch stores later. State how soon available, salary required (firm provides quarters). Apply for preliminary interview to 608/845, C. & D. London Office.

WHOLESALE

A LADY Pharmacist is required for the Manchester Branch Office of a British firm of Manufacturing Chemists. Applicants should have a good up-to-date knowledge of modern Therapeutics, but would undergo preliminary training for a period of a few months at the firm's head office near London. Chief duties involved would be the handling of correspondence and inquiries received from medical and pharmaceutical professions, and maintaining a reference library. Reply, stating age, experience, qualifications, salary, etc., to 607/813, C. & D. London Office.

AGENTS wanted throughout England for the sale of Pine Disinfectants in bottles and in bulk containers; also an Insecticide. Commission and expense allowance. Write giving full particulars of connexion, territory, and other agencies held. Box ZG.309, Deacons, 5 St. Mary Axe, E.C.3.

CHIEF Chemist required with knowledge of the manufacture of cosmetics and pharmaceutical preparations. Good salary and prospects. Send particulars, experience, age, qualifications. 608/839, C. & D. London Office.

COMPETENT Salesman for Photographic trade. Great opportunities for advancement; permanent position. Chemist trained preferred. Wallace Heaton, Ltd., 127 New Bond Street, London, W.1.

COUNTER Hand (man or woman) with some experience of Drugs required by leading London House. Good wages and good hours. Reply with usual particulars to 611/930, C. & D. London Office.

EXPORT Manager wanted by manufacturers of Flavouring Essences, Perfumery Raw Materials and Essential Oils. Applications which will be treated in strictest confidence, should give detailed particulars of experience, previous trades and markets covered, also age and salary required. 609/891, C. & D. London Office.

FEMALE Ledger Clerk required. Write stating experience, salary required, to C. R. Harker, Stagg & Morgan, Ltd., Emmott Street, Mile End, E.1.

FIRST-CLASS Tablet Maker and Coater, near London, wanted for varying quantities (20,000–250,000). 609/875, C. & D. London Office.

FOREWOMAN required by well-known Y Firm to take charge, under departmenta ger, of approximately 20 women and girls bottling of Disinfectants, Antiseptics, Cleans Must be good disciplinarian and have good knowledge of filling, labelling, cartoning, et manent position. Particulars, experience, a wages required to 610/904, C. & D. London

FOREIGN Representation. A British Manufacturing Chemists requires the se both a Belgian and Dutch Pharmacist, to r their business interests, in the respective c Training, with remuneration, for this w commence as soon as convenient at the Offices of the company. Applications are larly invited from men who may have had ex in English Pharmacies during the period of 609/863, C. & D. London Office.

PHARMACISTS wanted by well-known firm of manufacturing chemists, to manufacturing processes. Salary not less t according to abilities. Write giving details ience and familiarity with particular proc Works Manager, 606/775, C. & D. Londo (This advertisement will be repeated for th of men in the Forces.)

PHARMACIST required by well-known Firm of Wholesale Druggists. Work charge of Poisons and Dangerous Drugs stating experience, age, and liability for Service, to 610/905, C. & D. London Office.

REPRESENTATIVES required to obta for Petroleum Jelly, Liquid Paraffi Acid, Technical White Oil, Borax, Waxe Oils, Dyes, Labels, Perfumes and Emulsifie ing the addition of water only to make preparations, far superior to most obta present. Also for bottles, jars and tins, sc cartons, cases, etc. The British Surgical & Ltd., Fortress Grove, London, N.W.5.

SURGICAL INSTRUMENTS. Assistant for Yorkshire City capable of dea requirements and correspondence of th Profession. Apply with full details as to e age, salary required, etc., to 610/906, C. & D Office.

THE Johnson Agencies (Proprietari 86 Clarendon Road, West Croydon require a full-time Representative for Scot applying should have a good selling record. accounts will be handed over. Good salary, commission and expenses. Addr to Sales Director.

WANTED Salesmen calling on Whol Retail Co-operative Societies an mental Stores to handle non-competit Apply Hinton Manufacturing Co., 72 S Avenue, London, W.1.

WELL-KNOWN Manufacturers of Beauty Products require services enced Sales Manager. Must be capable complete control of Sales Offices. Kn advertising and export essential. Libe 609/868, C. & D. London Office.

WHOLESALE (COLONI

BRITISH West Africa. Two young P with good knowledge of Therapeuti for Propaganda and some Executive offi well-known British firm manufacturing and Medical Specialities. Applicants sho to proceed to West Africa as soon as th formalities can be completed. Full det supplied on application to 607/814, C. & Office.

THE Nyasaland Research & Develo Ltd., invites applications from Pharm Salary according to qualifications, exp abilities, for scientific work. Applicat addressed to Dr. M. Nierenstein, 2 Rylst Bristol, 9.

SITUATIONS WANTED

for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

MIST'S Assistant or Dispenser, 57; London nd Provincial experience in all branches of acy. Unqualified; abstainer; Welsh. 609/894, D. London Office.

LIFIED requires change, London or S.E. istrict. Part-time might suit. 611/931, C. & D. n Office.

UMS SEEKING ENGAGEMENTS

ENSER, Hall, experienced with hospitals, octors, and baby clinics, desires locum or ne; permanency. Locum, 112 Maryland N.22. Bowespark 1320.

LIFIED Chemist requires Locum engage- ents for Glasgow and South-west Scotland. le immediately until September. Willing to ke management with a view to succession troduction of capital. 611/939, C. and D. Office.

WHOLESALE

E, age 53, just disposed of own business, years retail, desires position as representative n of repute. Car driver. London preferred. C. & D. London Office.

presentative (49), first-class connexion Kent, rey, and Sussex, 23 years' experience, will Drugs, Pharmaceuticals, Dressings, Sun- house of repute. No agency; own car. C. & D. London Office.

ANGLIA. Representation wanted for this by by first-class representative with long- connexion. Own car, adequate references, sputable proofs of sales ability available. C. & D. London Office.

LISHED Manufacturers' Agency with ng connexion Wholesale Chemists, Co-ops, res, and Allied Trades throughout Lanca- pen for one additional progressive producer, ission basis. Greeves Agency, 25 Spear anchester, 1.

IENCED Traveller, covering London area, ires one good Proprietary on commission; for supply position to improve—for the 609/870, C. & D. London Office.

T. Young man with extensive experience ome and Foreign markets of Fine, Heavy, maceutical Chemicals, Drugs, etc., thor- onversant with all commercial aspects, anish, Portuguese, German, also French, sition of responsibility and prospects. & D. London Office.

ACTURING Chemist, 33, 18 years' prac- and specialised experience in cosmetics of also pharmaceutical experience, seeks vacating present position result of war. & D. London Office.

ENTATIVE, excellent connexion leading ists and Stores, Lancashire, Cheshire and les. Pharmacy trained. Requires addi- First-class proposition only entertained. & D. London Office.

ENTATIVE, sound connexion Chemists, s, etc., Yorks and Co. Durham, requires y, commission, expenses basis. Write & D. London Office.

ENTATIVE with exceptional connexion g Stores, Hairdressers, Chemists: London, nties, requires additional agency or . Own car. 608/850, C. & D. London

ENTATIVE, 26 years' connexion Whole- nd Retail Chemists, Southern Counties, g records, seeks position with firm of ary, expenses, and commission. 609/893, don Office.

REPRESENTATIVE desires change. Connexion in S. Wales, West of England amongst wholesale and retail chemists, drug stores, co-ops, departmental stores, ironmongers, etc. Commission, salary, expenses; own car. 610/898, C. & D. London Office.

SALES Propaganda Representative, 15 years' experience Medicine trade, England, Australia. Full-time engagement wanted, calling doctors, chemists' stores. 610/913, C. & D. London Office.

SALES Manager, qualified, with wide knowledge all sides home sales, and control of travellers, seeks post. Preferably one with opportunity of learning export trade. 610/902, C. & D. London Office.

UNQUALIFIED man, 10 years' retail experience, desires change. Would consider any permanent progressive position, other than retail. 610/903, C. & D. London Office.

WORKING Engineer, with all-round experience Erecting and Maintenance, etc., seeks position as such; also to recommend valuable proposition for selling purposes, made on Manesty Tablet Machine No. 3. 610/921, C. & D. London Office.

APPOINTMENTS

PHARMACIST required at Woking War Hospital, Oriental Road, Woking. Candidates must possess M.P.S. or Ph.C. qualifications. Temporary appointment. Commencing salary according to experience on grade, £275 × £10—£325 p.a., plus war bonus 18s. 6d. p.w. female, 23s. p.w. male. Apply to Medical Superintendent.

LOCUM PHARMACIST required by MIDDLESEX COUNTY COUNCIL at Staines County Hospital, Ashford, Mx., for 9 weeks from 17th June. Pharmaceutical Society of Great Britain qualification (1) essential. Salary £7 7s. per week. Application, stating age, qualifications and experience, enclosing copies of up to three testimonials, to Medical Director "LI" of Hospital. Closing date 2nd June, 1945.

LONDON COUNTY COUNCIL

ASSISTANT PHARMACIST (whole-time; man or woman) required at Horton Emergency Hospital, Epsom, Surrey. Must possess Pharmaceutical Society's qualification. Commencing salary £250 a year plus cost of living addition (at present £60 a year (man); £48 a year (woman)). Application form from Medical Superintendent.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

DURHAM County. Chemist firm is prepared to handle lines, ethical, household, toilet, as sole agent. Stock or commission basis. Bankers' reference. 610/901, C. & D. London Office.

REPRESENTATIVE with connexion covering approx. 2,000 Pharmacists, Stores, Co-ops, Provinces, North/South Wales, desires contact manufacturers, home and abroad, re post-war agencies. 609/890, C. & D. London Office.

SOUTH AFRICA. Well-established Company of international reputation selling toilet, pharmaceutical, surgical and ethical products, anxious to obtain a few additional first-class U.K. Agencies whose goods sell through same trade channels. Offices and selling force maintained in all principal Union towns and organisation equipped to undertake not only marketing, but semi- and total-manufacture. Apply 610/912, C. & D. London Office.

TRAVELLER, with old-established connexion calling on Chemists, Departmental Stores, etc., East Midland Counties, seeks first-class lines on commission basis. Only reputable firms considered. 610/907, C. & D. London Office.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

ACTUAL User will pay top prices for Aspirin or Phenacetin, Powder or Granules, Triethanolemene and Cetyl Alcohol. 611/929, C. & D. London Office.

CREAM Homogeniser wanted (electric). Particulars and price to advertiser, 5 Heathcote Road, Boscombe, Hants.

SACCHARIN Tablets wanted, packets of 100 or bulk. Cash waiting. R. V. Owen, 114 Fortress Road, N.W.5.

WANTED. Campoferron (Bayer) original. Any reasonable quantity. Offers to F. P. Watson, Ltd., Bailgate, Lincoln.

WANTED Aspirin Powder or Tablets; Peppermint Oil and Aniseed Oil. 610/909, C. & D. London Office.

4-OZ. BOTTLES. *Supplies urgently required.* Good price offered if complete with Bakelite caps. Sample and price for 50 gross lots upwards invited. Also *collapsible corrugated outers* for 12 × 4-oz. bottles. 610/920, C. & D. London Office.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

FOR SALE. 50 gross 2-oz. Squat Amber Jars with caps. 240 gross 2-oz. Tins at 11s. 6d. per gross. Apply 610/908, C. & D. London Office.

FOR SALE about 180 lb. of Salicylic Cotton Wool, best quality. Offers invited to 608/856, C. & D. London Office.

FOR SALE. 500 gross 2-oz. New, Flatslip lid tins, packed in original free containers, 9s. 6d. per gross, carriage, etc., paid. Grattan's Pharmaceutical Products, 36 High Street, Lurgan, N. Ireland.

HALF-OUNCE Jars, amber squat, fairly good quality; 50 gross available. Sample price 6d. Robert Davies, Chemist, Bromyard, Herefordshire.

BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. for every additional word.

ACTIVE and energetic Medical Practitioner wishes to hear of promising locality, with scope for general practice, or recent death vacancy, town or country; capital available. Apply Dr. Lawder, c/o Dr. Johnson, Hartland, N. Devon.

CAPACITY available for manufacture and bottling of solutions, creams, emulsions, corrosive fluids, etc. Laboratory control if desired. Inquiries to 609/887, C. & D. London Office.

LIMITED Company now negotiating for additional premises would be able to undertake the manufacture and/or packing of pharmaceutical and toilet preparations for other companies, on a competitive basis. Write in first instance with fullest particulars to 610/910, C. & D London Office.

NORTH London firm has facilities for bottling and tubing. Ampoule filling a speciality. 609/884, C. & D. London Office.

TABLET MANUFACTURERS are in a position to undertake the compression of a further 500,000 tablets per week, up to 13/32 inch diameter. One contract for the above weekly amount preferred with materials supplied. Strict supervision, 40 years' experience, keenest price. Write CDB/396, C. & D. London Office.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word.

WELL-ESTABLISHED Pharmacy required very shortly, London, Suburbs, or South Coast. Please state turnover with panel, length of lease, stock and fittings, also price at which prepared to sell. 610/899, C. & D. London Office.

BUSINESSES FOR DISPOS

7/6 for 40 words or less, 2d. for every additional

CHEMIST's Retail Business in Home Count sale on proposed dissolution of partn In same family hands for over 50 years. A takings for past 3 years is £5,443 per annum, o a good proportion is dispensing. Premise living accommodation can be purchased or ta lease. Fixtures and fittings and goodwill, Stock at valuation. Sole Agent, E. C. Llo Regents Park Road, Finchley, N.3.

COMPANY, registered for Purchase Tax connexion with Chemists and Leading practically no assets or liabilities. Goodw registration for sale. Write Box 863, Ray Court, London, W.C.2.

DRUG Store for sale, established 35 years. lent opening for Qualified Chemist. refused daily. A low price will be accepted f sale. Apply personally, 15 Victoria Road, Stoke-on-Trent, Staffs.

FOR Sale, in West Country city, on main th fare, a good medium-class cash retail Ph with own proprieties; easily worked; return per annum and still increasing; including t hold double-fronted modernised shop, with h garden attached; the business, fittings, and freehold property, comprising shop and house, with vacant possession; £4,100 plus valuation, approximately £800. 607/816, London Office.

NORTH East Coast. For sale Chemists' established for 70 years. Stock and valuation. Premises can be purchased if Present owner retiring owing to age. Full lars from Wm. Fortune & Son, Collingwoo West Hartlepool.

S.E. LONDON Drug Stores, Chemist nearest opposition ¾ mile; well-p area; photographic. £2,000 turnover. Rent rates; good living accommodation; lease Freehold may be arranged. Inquiries confidence. 609/876, C. & D. London Offic

EXPORT TRADE

ARGENTINE. Pharmaceutical Chemical Essential Oils, Perfumery, Raw Highly specialised firm well known in consuming circles is desirous to secure Agencies of British manufacturers or p First-class Bank and Trade references. C. & D. London Office.

CHEMICALS AND ESSENTIAL O Swedish importers in above trades desir from British manufacturers and exporters interested to be represented in Sweden. agents, or as sole distributors buying on ow We are well introduced with competent in above trades. Well-organised selling team Head Office: Stockholm. Detailed offers to: Marsing & Co., AB, Kungsgatan 27, S Cables: Keminarsing, Stockholm.

MESSRS. DINKER & CO., 88 Vithall Road, Bombay, 4, invite connex competitive manufacturers and reliable handling Chemicals and Drugs. Bankers Bank, Ltd., Bombay; National Bank of I Bombay. Reference: M/S Biddle Sawy Ltd., Empire House, London.

SWEDEN—HEAVY CHEMICAL Leading Import House established 30 very good terms with consumers, desir tact competitive manufacturers in order business either on a commission basis or own account. First-class English referenc reply to "Meber," c/o The Chemist & 28 Essex Street, London, W.C.2.

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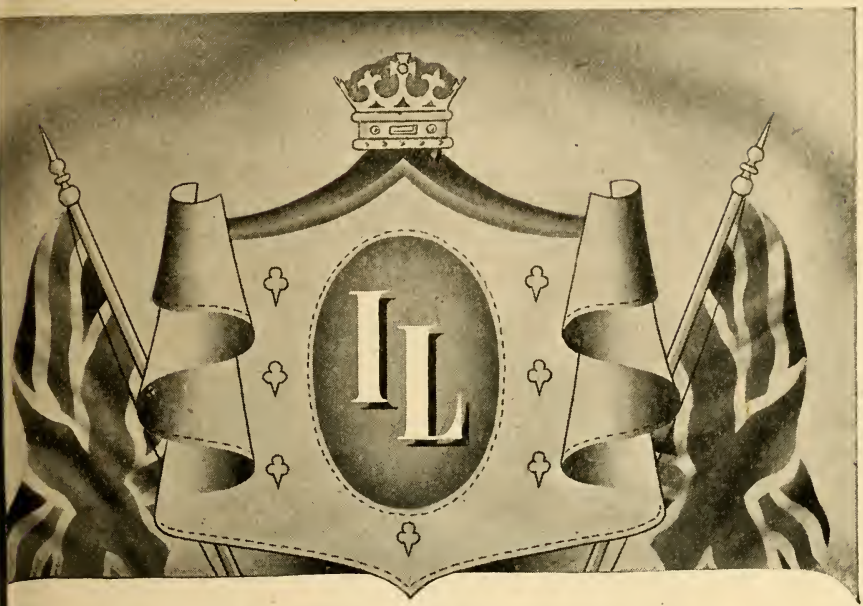

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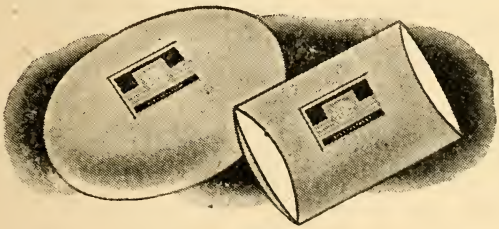
The superb quality of Imperial Leather Toilet Soap has created a demand amongst discriminating people considerably in excess of present supply facilities. We feel sure the trade will appreciate that in the circumstances delays in meeting orders are unavoidable, but we assure them that every effort is being made and will be made to secure equitable distribution.



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